CLINICAL CONGRESS 2016

OCTOBER 16–20 | WALTER E. WASHINGTON CONVENTION CENTER
WASHINGTON, DC | **PROGRAM**

The Best Surgical Education
All in One Place



Challenges for the Second Century

AMERICAN COLLEGE OF SURGEONS
Inspiring Quality:
Highest Standards, Better Outcomes

100+*years*

Dear Colleagues,

On behalf of the Program Committee and the Division of Education, we would like to welcome you to the 2016 Clinical Congress of the American College of Surgeons (ACS).

The Clinical Congress is the premier annual professional education and training meeting for surgeons worldwide. It offers an array of outstanding learning opportunities that are firmly rooted in cutting-edge science, state-of-the-art surgical practices, and contemporary principles of surgical education and continuous professional development. Our goal is to continually introduce innovations in the program to meet the evolving needs of practicing surgeons, surgery residents, medical students, and members of the surgical team.

The 2016 Clinical Congress Program is organized into tracks and includes both clinical and nonclinical content. The program covers a broad range of critical topics across the breadth of surgery and includes 11 Named Lectures, 128 Panel Sessions, 18 Didactic/Experiential Courses, 14 Surgical Skills Courses, 32 Video-Based Education Sessions, 45 Meet-the-Expert Luncheons, and 18 Town Hall Meetings. The Clinical Congress Program should help you address requirements for Maintenance of Certification, and a variety of regulatory requirements, and to fulfill specific credentialing and privileging needs.

Important features of the 2016 Clinical Congress Program include:

- Panel Sessions focusing on cutting-edge advances and timely and relevant topics
- Special Sessions on firearm injury prevention, perioperative optimization (ACS Strong for Surgery), and global health
- A series of pediatric surgery-focused sessions
- The Scientific Forum with presentations of scholarly work by senior and young investigators and includes Scientific Posters
- Self-Assessment Credits for most Panel Sessions, Postgraduate Courses, and Video-Based Education Sessions
- Certificates for achieving specific levels of verification through participation in Didactic and Skills Courses based on the Division of Education's 5-Level Verification Program
- Clinical Congress App for planning and scheduling individual itineraries and claiming Continuing Medical Education Credits
- Webcasts of most Panel Sessions and select Didactic Courses

We are extremely grateful to the Members of the Clinical Congress Program Committee, Advisory Councils, Standing Committees, and Task Forces who have made extraordinary contributions to the 2016 Clinical Congress. We encourage you to take full advantage of this outstanding opportunity!

Valerie W. Rusch, MD, FACS
Chair, Program Committee

Ajit K. Sachdeva, MD, FACS, FRCSC
Director, Division of Education

Program Committee of the American College of Surgeons

The Program Committee is responsible for planning and implementing the continuing educational offerings of the College, primarily the Postgraduate Courses, sessions, and symposia at the annual Clinical Congress. In addition to its 18-member committee, more than 40 liaison members represent the various disciplines and groups in surgery.

CHAIR:

Valerie W. Rusch, MD, FACS, New York, NY

VICE-CHAIR:

Kenneth W. Sharp, MD, FACS, Nashville, TN

MEMBERS:

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Quan-Yang Duh, MD, FACS, San Francisco, CA
B.J. Hancock, MD, FACS, FRCSC, Winnipeg, MB
Ronald V. Maier, MD, FACS, Seattle, WA

STAFF:

Ajit K. Sachdeva, MD, FACS, FRCSC, Chicago, IL
Richard V. King, PhD, Chicago, IL
M. Jane Burns, MJ(C), Chicago, IL
Jana M. Stringfellow-Estell, BS, Chicago, IL

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ACS STAFF PLEDGE TO THE SURGICAL COMMUNITY

WE AFFIRM THAT THE CLINICAL CONGRESS IS THE PREMIER EDUCATIONAL AND NETWORKING EVENT IN SURGERY. WE WILL LEVERAGE OUR EXPERTISE TO ENSURE ITS SUCCESS AND HELP THE SURGICAL COMMUNITY PROVIDE THE BEST PATIENT CARE. WE WILL DO THIS BY CONTINUALLY IMPROVING THE EXPERIENCE AND EXCEEDING YOUR EXPECTATIONS.

General Information

Purpose

The Clinical Congress is a scientific and educational meeting that shall be held at the time and place of the Annual Business Meeting of Members, and shall include the Convocation (*Bylaws*, American College of Surgeons [ACS], Article VIII, Section 3).

The purpose of the Clinical Congress is to keep ACS Members and interested non-Fellow physicians abreast of the current status of the art and science of surgery. To accomplish its purpose, the Clinical Congress offers a highly diversified program of continuing education in all specialties of surgery and in important fields of science, socioeconomics, and medical education. It holds the preeminent place among all College activities designed to raise the standards of surgical practice and improve the care of the surgical patient.

The entire program presented at this meeting includes physicians drawn from various specialties. The sessions are designed to present a variety of viewpoints on matters of particular interest to those for whom the session is primarily intended and to stress the need for understanding and cooperation among the specialties.

Objectives

By the conclusion of Clinical Congress, participants should be able to:

- Apply new knowledge and ideas to improve their surgical practice
- Adapt concepts and quality measures in support of research advancements
- Enhance the quality of patient care

Registration Locations and Hours

An official registration badge is required for entrance to all sessions and the Exhibit Hall. Registration location and hours are listed below.

Walter E. Washington Convention Center, Hall A, Lower Level

Sunday, October 16	7:00 am - 6:00 pm
Monday, October 17	6:30 am - 5:00 pm
Tuesday, October 18	7:00 am - 4:00 pm
Wednesday, October 19	7:00 am - 4:00 pm
Thursday, October 20	7:00 - 10:00 am

Photo/Video Release Statement

All persons attending American College of Surgeons events may be photographed or recorded, and the photos and recordings may be used for news, educational, marketing, or other purposes. Your registration for this event signifies your consent to this use.

Badge Designations

For rapid identification purposes, the badge colors and designations for this year's Clinical Congress are as follows:

Gold – Member

Includes the following categories:

Fellow
Retired Fellow
New Fellow
Associate Fellow
Resident Member
Medical Student Member
Affiliate

Green – Nonmember

Includes the following categories:

Resident nonmember
Guest physician
Medical student nonmember
Allied health (hospital administrator, hospital purchasing agent, medical association personnel, physician assistant, technician, and other)
Nurse nonmember
PhD nonmember

Teal

Includes the following categories:

Guest registration
Press
Commercial press

Red Technical exhibitors

Gray Commercial representatives (manufacturer representatives, distributor, public relations firm, advertising representative, consultant, and potential exhibitors)

Blue ACS staff

Postgraduate Courses and Fees

Admission to all Postgraduate Courses is by badge and ticket. Only registered meeting attendees may purchase Postgraduate Course tickets. Seating capacities are limited; on-site ticket purchases are subject to availability. Tickets for some of the Postgraduate Courses may also be purchased on-site in the registration area, subject to availability and fulfillment of any applicable course requirements. A complete listing of courses can be found on page 43.

Tickets may only be exchanged before the start of a course, but only for another Postgraduate Course.

Meeting room assignments for Postgraduate Course are printed on the course ticket. The American College of Surgeons (ACS) reserves the right to cancel any regularly scheduled session before the start of the meeting and assumes no responsibility for nonrefundable airlines tickets and other travel costs. The ACS will make every effort to immediately notify registrants of any cancellations.

CME Credit Claiming

On-site claiming of Continuing Medical Education (CME) Credit for nonticketed sessions (NL, PS, SF, SL, and VE) will be available at the *My*CME booth and kiosks located throughout the Walter E. Washington Convention Center or can be accessed off-site at your convenience. Physicians are responsible for claiming CME Credit for Clinical Congress. Claims for CME Credit for this event will be accepted until December 1, 2016.

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of 47.5* *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

* A maximum of 38 credits are available for non-ticketed sessions.

Self-Assessment Credit and Credit to Address Regulatory Mandates are also available for most sessions.

AMERICAN COLLEGE OF SURGEONS DIVISION OF EDUCATION

Accredited with Commendation by the Accreditation Council for Continuing Medical Education

Self-Assessment Credit

Self-Assessment Credit will be available for most Panel Sessions, Didactic/Experiential Courses, Surgical Skills Courses, and Video-Based Education sessions.

The process of earning Self-Assessment Credit is voluntary and is not a prerequisite to claim CME Credit.

Self-Assessment Credit counts toward American Board of Surgery Maintenance of Certification (MOC) Part 2. Participants are strongly encouraged to complete their Self-Assessment posttest as soon after attendance as possible. The final deadline to claim Self-Assessment Credit is December 1, 2016.

Credit to Address Regulatory Mandates

Some state licensing boards and other regulatory organizations have established specific content requirements for CME Credit. The American College of Surgeons has not and does not verify that any content meets these requirements. The CME Certificate includes specific content credit designations where applicable.

Check with your state or local medical board, hospital, or organization to verify that this content meets the criteria for your specific requirements.

The designations are indicated after each session title using the abbreviations listed below.

Cultural Competency **(CC)**
Ethics **(E)**
End-of-Life Care **(EoL)**
Palliative Care **(PA)**
Pain Management **(PM)**
Patient Safety **(PtS)**
Risk Management **(RM)**
Trauma **(T)**

Certificates

CME Certificates are available online following completion of the session evaluations and the Global Evaluation. Go to *www.cme.facs.org* at your convenience and log in using the REG ID number or ACS ID number on your name badge. Off-site you will be able to print the Clinical Congress 2016 CME Certificate, as well as a transcript of all sessions you have attended. A number of Postgraduate Courses have additional requirements that require verification following the conclusion of Clinical Congress. Allow up to six weeks for notification to claim certificates for these courses. Certificates of Attendance are available online. For additional information, visit the *My*CME Booth.

Guide to Educational Credit at Clinical Congress

Claim CME Credits and Earn Self-Assessment Credit by December 1, 2016.

SESSION TYPE	OFFERS CME CREDIT	OFFERS SELF-ASSESSMENT CREDIT**
Didactic/Experiential Courses (DEC)	X	X
Meet-the-Expert Luncheons (ME)	X	N/A
Named Lectures (NL)	X	N/A
Panel Sessions (PS)	X	X*
Scientific Forum Sessions (SF)	X	N/A
Special Interest Sessions (SI)	N/A	N/A
Special Sessions (SL)	X	N/A
Surgical Skills Courses (SSC)	X	X
Town Hall Meetings (TH)	N/A	N/A
Video-Based Education Sessions (VE)	X	X*

* Not every session will offer Self-Assessment Credit

** To meet MOC requirements of the American Board of Surgery, 60 of the 90 required CME Credits MUST be Self-Assessment Credits.

Session Evaluations, Posttests, and the Global Evaluation

PROCESS	TO CLAIM CME CREDIT	TO EARN SELF-ASSESSMENT CREDIT
The entire educational credit process must be completed online: • Go to *www.cme.facs.org*. • Use a kiosk in the Walter E. Washington Convention Center or access off-site at your convenience. • You will need your name badge with your REG ID number or ACS ID number.	X	X* * Must be completed offsite for all Postgraduate Courses
Complete each session evaluation.	X	X
Complete posttest and achieve a minimum score of 75 percent correct with unlimited attempts.	N/A	X
After attending your last activity at the Clinical Congress, complete the Global Evaluation online no later than **December 1, 2016**.	X	X
After the online Global Evaluation is completed, your certificate will be available online.*	X	X

* With the exception of surgical skills courses. Please allow up to 6 weeks for processing.

***My*CME Booth Hours**

The *My*CME Booth is located on the Concourse Level Clinical Congress ACS Resource Center in the Walter E. Washington Convention Center.

Hours of operation are:

Sunday, October 16	7:00 am - 5:00 pm
Monday, October 17	7:00 am - 6:00 pm
Tuesday, October 18	7:00 am - 6:00 pm
Wednesday, October 19	7:00 am - 6:00 pm
Thursday, October 20	6:30 am - 12:00 pm

For additional information on how to claim CME Credit or earn Self-Assessment Credit, go to *www.cme.facs.org*, call the *My*CME office after Clinical Congress at 866-918-4799 or 312-202-5430, or e-mail us at *mycme@facs.org*. Fellows and Associate Fellows can access their CME Certificates online at *facs.org*.

ACS Disclosure Policy

In compliance with the Accreditation Council for Continuing Medical Education Accreditation Criteria, the American College of Surgeons, as the accredited provider of this activity, must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. All reported conflicts are managed by a designated official to ensure a bias-free presentation. Please see the insert to this program for the complete disclosure list.

Acknowledgement

The ACS acknowledges the following companies for their assistance in providing an educational grant and/or the use of equipment in the Surgical Skills Courses programs:

ACUTE Innovations, Applied Medical Resources, Corp., Apollo Endosurgery, BK Medical, Boston Scientific, CAE Healthcare, Cook Medical, DePuy Synthes, EndoGastric Solutions, Ethicon-Endo Surgery, ERBE USA Inc, Focal Therapeutics, Fujifilm Sono Site, GE Healthcare, Halyard Health, Hitachi Aloka Ultrasound, Ltd., Intuitive Surgical, Invuity, Karl Storz, KLS Martin, Kyoto Kagaku, Limbs & Things, Mederi Therapeutics, Medtronic, MedXpert, Merit Medic, Minimally Invasive Devices, Inc., Olympus Corporation, Ovesco Endoscopy USA, Inc., RGS Healthcare, Simbionix-3D Systems, SimQuest, Verathon, Xoft, and Zimmer Biomet.

ACS Resource Center

All attendees are invited to visit the ACS Resource Center located in Hall B, Lower Level, of the Walter E. Washington Convention Center. From updating online member profiles to ordering the latest educational products, the ACS Resource Center offers information on a wide variety of programs, products, and services available to ACS Members and meeting attendees. **ACS Resource Center booths will be open Monday through Wednesday, 9:00 am – 4:30 pm** and will include:

- ACS Archives
- ACS merchandise
- ACS National Surgical Quality Improvement Program (ACS NSQIP®)
- ACS website and communities
- Advanced Trauma Life Support Course® (ATLS®)
- Advocacy and Health Policy
- Cancer Programs
- Children's Surgery Verification Quality Improvement Program
- Division of Education
- E-Posters of Exceptional Merit
- ACS Fundamentals of Surgery Curriculum®
- *Journal of the American College of Surgeons* (*JACS*)
- Member Services
- Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program
- *My*CME Booth (Locations available throughout the Walter E. Washington Convention Center)
- Operation Giving Back
- Patient education
- Photo and public profile
- *Selected Readings in General Surgery* (*SRGS*®)
- *ACS Surgery News*
- Surgeon Specific Registry
- *Surgical Education and Self-Assessment Program* (*SESAP*®)
- Trauma Programs
- Webcast sales (available at the Division of Education Booth and in the Webcast sales booth located on the Concourse Level)

The following ACS exhibits will be located at the Walter E. Washington Convention Center, Grand Lobby:

- ACS Foundation Hospitality Center
- ACSPA–*Surgeons*PAC
- International Attendee Services
- Mobile Connect

The following ACS area will be located at the Walter E. Washington Convention Center, Hall A:

- Join ACS/Member Services

These exhibits will be open:

Sunday, October 16	7:00 am - 6:00 pm
Monday, October 17	6:30 am - 5:00 pm
Tuesday, October 18	7:00 am - 4:00 pm
Wednesday, October 19	7:00 - 10:00 am

Are you an ACS volunteer?

Be sure to visit the Volunteer Wall in the ACS Resource Center lounge where we recognize and thank members who donate their time and expertise to the organization.

Special Sessions

Three new Special Sessions at Clinical Congress 2016 will provide an in-depth look at timely and important topics. There is no charge for these sessions, which will be held during the lunch hour. Attendees will have an opportunity to purchase a lunch prior to entering the session. Please see page 41 for a complete agenda for each Special Session.

Monday, October 17
1:00-2:30 pm
Firearm Injury Prevention

Tuesday, October 18
11:15 am-12:45 pm
ACS Strong for Surgery

Wednesday, October 19
11:15 am-12:45 pm
Global Engagement

CompuLEAD Recording System

To expedite your visits with the exhibitors, the ACS will once again use the enhanced LEAD retrieval system. In order to receive information from a company, present your badge to the sales representative. The bar code that contains your contact information will be scanned through the data recorder and the exhibitor will have the information to instantly fill your request.

Fire and Safety

The ACS complies with all local, state, and federal safety regulations. The ACS reserves the right to limit attendance in sessions deemed unsafe by local fire and safety officers. In keeping with municipal codes, smoking is prohibited in public meeting facilities.

Taste of the City

5:00-7:00 pm

LOCATION: Walter E. Washington Convention Center, Hall D

ACS Taste of the City is an opportunity to experience Washington, DC's diverse dining and cultural scene and to network with ACS leaders and members. Bring your appetite and plan to enjoy live music, activities, and camaraderie with ACS leaders, staff, friends, colleagues, and family members. The event is free to all attendees and their families.

You will be able to move seamlessly from your Wednesday education sessions to ***ACS Taste of the City***, and the hotel shuttle bus schedule will be extended to allow you and your family members to attend. Casual dress is encouraged. Please make sure this event is a part of your Clinical Congress plans. We would love to see you there!

Initiates'/Fellows' Photography Studio

The studio will be located at the Walter E. Washington Convention Center, Hall A, and will be accessible during the following hours:

Sunday, October 16	8:00 am - 9:00 pm
Monday, October 17	8:00 am - 4:00 pm
Tuesday, October 18	8:00 am - 4:00 pm
Wednesday, October 19	8:00 am - 4:00 pm
Thursday, October 20	8:00 am - 12:00 noon

Mobile devices

As a courtesy to your colleagues, please silence cell phones and pagers while in the scientific session rooms.

Housing Information Desk

Representatives from the ACS official housing agency, OnPeak (formerly Travel Planners), and ACS International Group Housing, will be available to answer any questions you may have regarding your hotel reservations. Attendees will also be able to modify current reservations or make new reservations. The Housing Information Desk is located in the Walter E. Washington Convention Center and will be open during registration hours, phone 202-249-4002. If you need assistance during non-registration hours, an OnPeak representative will be available at 872-242-6435.

Make your hotel reservation for the Clinical Congress 2017 in San Diego, CA, at the Housing Information Desk. Representatives will be available to answer any questions that you may have regarding to participating hotels.

Bistro ACS

Grab lunch and network with exhibitors or your colleagues at Bistro ACS in the Exhibit Hall at the Walter E. Washington Convention Center, Hall B, Lower Level, Monday, October 17, through Wednesday, October 19. Bistro ACS provides an excellent opportunity for uninterrupted face-to-face time between attendees and exhibiting companies.

Bistro ACS offers assorted menu options, including several fresh and healthy options, international cuisine, and regional favorites. It is reasonably priced for an all-inclusive lunch buffet; $25 includes lunch, beverages, dessert, and tax. Bistro ACS also provides attendees with express seating and is conveniently located so that attendees can enjoy a quick and delicious lunch. Tickets may be purchased daily at the Bistro ACS booth at the Walter E. Washington Convention Center, Hall A, or online at *http://bistroticket.com/acs*.

Breaks

Congress-wide breaks are scheduled for 9:30 am, 11:15 am, and 4:00 pm on Monday; 7:45 am, 9:30 am, 2:15 pm, and 4:00 pm on Tuesday and Wednesday; and 7:45 am and 9:30 am on Thursday. At these times, all sessions, except Postgraduate Courses, will have a 15-minute break. On Monday, an extended break is scheduled between 1:00 and 2:30 pm, and Tuesday and Wednesday between 11:15 am and 12:45 pm.

Update your FACS Profile

Visit the Photo and Public Profile booth in the ACS Resource Center to get a complimentary photo, and be sure to take advantage of this opportunity to work with staff to update your member profile on the ACS website. The ACS Find a Surgeon site helps the public connect with qualified surgeons by providing access to College member profiles. Your personalized profile may include information about your practice site, medical school, residency, fellowships, and areas of special interest and expertise.

Clinical Congress News

The official annual meeting newspaper will be distributed at the Walter E. Washington Convention Center and at the headquarters hotel each morning of the Congress. Last-minute program changes and other timely information will be announced in the newspaper. Items for publication must be delivered or communicated to the *Clinical Congress News* office located in the Walter E. Washington Convention Center before 1:00 pm on the day preceding the desired date of publication. The *Clinical Congress News* will also be available via the Clinical Congress app.

Scientific Forum Poster Presentations

The Scientific Poster Presentations is a forum of more than 300 posters showcasing timely, innovative information and findings on original scientific research, surgical practices, and approaches.

The Scientific Forum Poster Presentations will be located at the Walter E. Washington Convention Center, Hall B; hours will be 9:00 am to 4:30 pm, Monday through Wednesday.

Technical Exhibits

The Technical Exhibition comprises more than 200 companies displaying their products and services.

The exhibition provides an excellent opportunity to explore the surgical marketplace by comparing products firsthand and planning purchases.

Technical Exhibits will be located at the Walter E. Washington Convention Center, Exhibit Hall B, and will be open at the following times:

Monday, October 17	9:00 am - 4:30 pm
Tuesday, October 18	9:00 am - 4:30 pm
Wednesday, October 19	9:00 am - 4:30 pm

Webcasts

Look for this icon in the Scientific Program section: Ⓦ

Practicing Surgeons Webcast Packages
Claim continuing medical education (CME) credit and earn Self-Assessment Credit for each webcast. Receive a CME certificate with Self-Assessment Credit and Regulatory Mandates as applicable upon successful completion of viewing the webcast and completing the posttest.

Resident Webcast Packages
Resident Webcast Packages allow users to do the following:

- View webcasts on demand
- Individualize your education
- Receive a certificate of completion

Choose one of the following three Webcast Packages:

2016 Complete Package
Access all 118 webcast sessions from Clinical Congress 2016 and MP3 audio recordings of most Named Lectures and most Panel Sessions. More than 175 CME credits are available for practicing surgeons.

2016 Webcast Package
Access all 118 webcast sessions from Clinical Congress 2016.

Webcast Pick 25 of 2016
Select your own 25 out of the 118 available webcast sessions from Clinical Congress 2016.

Purchase at locations on the Concourse Level or the L Street Bridge.

For more information, visit *facs.org/clincon2016/about/resources/webcasts* or contact Olivier Petinaux at 866-475-4696 or elearning@facs.org.

Surgical History Group: History of Surgery Poster Session

LOCATION: Hall B

The History of Surgery Poster Session highlights the rich history of surgery and is presented by Fellows, residents, and medical students. These posters will be on display beginning Monday, October 17, 9:30 am through Wednesday, October 19, 4:30 pm. The winning poster and runner-up will be announced during the ACS Surgical History Group Breakfast on Tuesday, October 18, at 7:00 am.

Wi-Fi Information

Free Wi-Fi will be available in all of the public areas at the Walter E. Washington Convention Center for basic browsing and checking e-mail. Complimentary Internet service is available in the lobby of the Marriott Marquis, the headquarters hotel for the Clinical Congress.

Help and Information Kiosks

Help and Information kiosks will be located throughout the Walter E. Washington Convention Center and will be staffed during registration hours. Inquiries concerning the Clinical Congress may be made at these kiosks.

Shuttle Bus Service

The ACS provides complimentary shuttle bus service between designated hotels in the ACS block and the Walter E. Washington Convention Center. The complimentary shuttle bus service will run on the following schedule:

Sunday, October 16	6:30 am - 6:00 pm 8:00 - 9:45 pm*
Monday, October 17	6:30 am - 6:15 pm
Tuesday, October 18	6:30 am - 6:15 pm
Wednesday, October 19	6:30 am - 7:15 pm
Thursday, October 20	6:30 - 11:45 am

* On Sunday, October 16, shuttle bus service will run additionally from 8:00 - 9:45 pm from the Walter E. Washington Convention Center to hotels on all routes.

Frequency will be every 15 to 20 minutes.

NOTE: Shuttle bus times and routes are subject to change. Check your hotel lobby for the most up-to-date schedule and routes. For hotel shuttle information or special needs transportation, call 877-884-2455.

First Aid Facilities/Lactation Room

The first aid office/lactation rooms will be located at the Walter E. Washington Convention Center. There are two (2) first aid rooms, one located in Hall A and one in Hall D. Both rooms are accessible from inside the hall.

Children

The ACS policy regarding children is as follows:

- Children under 12 years of age are not permitted on tours
- Children under 16 years of age are not permitted on the exhibit floor or in scientific sessions
- Children ages 16 and older must have a badge to enter the exhibit area or meeting rooms

This policy includes infants in strollers and arms. See page 11 for information on the ACS child care programs.

Friends of Bill W.

Friends of Bill W. will meet Monday, October 17, through Wednesday, October 19, 7:00-8:30 pm, at the Marriott Marquis, Pentagon Room, Level Four.

Lost and Found

Lost and Found areas are located in the ACS Convention Office at the Marriott Marquis and in the Convention and Exhibit Office at the Walter E. Washington Convention Center, Hall A.

Prayer Room

A prayer room will be available during the meeting and will be located at the Walter E. Washington Convention Center, Room 210.

Speaker Ready Room

The Speaker Ready Room is located at the Walter E. Washington Convention Center near Registration in Hall A, Lower Level. Days and hours of operation are as follows:

Saturday, October 15	7:30 am-4:00 pm
Sunday, October 16	7:00 am-5:00 pm
Monday, October 17	6:30 am-6:00 pm
Tuesday, October 18	6:30 am-6:00 pm
Wednesday, October 19	6:30 am-6:00 pm
Thursday, October 20	6:30-11:00 am

It is requested that all speakers visit the Speaker Ready Room at least four hours in advance of their presentation time to verify the receipt of presentations. Speakers who have not yet submitted their presentations via the advance submission website or have audio and/or video clips must check in to ensure the proper loading and integrity of presentations.

ACS Logo Merchandise

ACS exclusive logo merchandise will be available for purchase at the Logo Merchandise Booth located in the Walter E. Washington Convention Center, Hall B. The hours of operation are as follows:

Monday, October 17	9:00 am-4:30 pm
Tuesday, October 18	9:00 am-4:30 pm
Wednesday, October 19	9:00 am-4:30 pm

Alumni and Ancillary Event Bulletin Board

Space is provided to post information for meetings, job opportunities, seminars, and other information of interest. The event bulletin board is located at the Walter E. Washington Convention Center.

Future Meetings

2017 San Diego, CA	October 22-26
2018 Boston, MA	October 21-25
2019 San Francisco, CA	October 27-31

Guest Registration

Guests may register on-site for a $95 nonrefundable registration fee. All guest registrants must be accompanied by a Scientific Program registrant of another category. Guest registration is intended for nonmedical attendees only. Guests are not eligible for Continuing Medical Education credits or a Certificate of Attendance, nor may they attend Postgraduate Courses or Meet-the-Expert Luncheons.

The guest registration fee entitles individuals to attend scientific sessions, view the technical and scientific exhibits, purchase tour tickets, and use the shuttle bus service. Guest registrants also receive a tote bag including local information and a gift.

On-site guest registration and additional tour tickets (based on availability) may be purchased at the On-Site Registration area located in the Walter E. Washington Convention Center, Hall A, Lower Level, and at the Guest Registration Desk at the Marriott Marquis, Georgetown Room on Meeting Level 1, during the hours listed below.

Walter E. Washington Convention Center, Hall A, Lower Level

Sunday, October 16	7:00 am - 6:00 pm
Monday, October 17	6:30 am - 5:00 pm
Tuesday, October 18	7:00 am - 4:00 pm

Marriott Marquis, Georgetown Room, Meeting Level 1

Saturday, October 15	1:00 - 5:00 pm
Sunday, October 16	8:00 am - 5:00 pm
Monday, October 17	7:00 am - 3:00 pm
Tuesday, October 18	8:00 am - 4:00 pm

Guest Program Tour Departures

IMPORTANT NOTE: All tours will depart from and return to the Marriott Marquis unless otherwise noted. Please meet in the lobby of the hotel unless otherwise indicated. We recommend that you arrive at least 15 minutes before the scheduled tour time and wear comfortable walking shoes for all tours. Unless otherwise indicated, all lunches and dinners referred to are included in the price of the tour. Tours will be held rain or shine, unless otherwise notified.

Refund Policy

The Guest Registration fee is nonrefundable. The tour cancellation deadline has passed and no refunds for cancellations can be given due to commitments made. This policy is strictly enforced.

Child Policy

Children under 12 years of age may not participate in tours, unless otherwise indicated. This restriction includes infants in arms or strollers. Tour tickets for children 12 years or older may be ordered as additional tickets on the parent's guest registration form. Please note on the form that the extra tickets are for children and list their full names and ages. Young adults 16 years of age and older must be registered as a guest and pay the registration fee to participate in Congress activities. Please note that the ACS reserves the right to refuse boarding of a tour bus by anyone not complying with our age restrictions.

Child Care / Camp ACS / Little Medical School

ACCENT on Children's Arrangements Inc. is partnering with the ACS to provide an exciting on-site children's program tailored especially for the children of ACS Members. Children ages six months to 17 years are welcome to participate in Camp ACS.

Camp ACS is located at the Marriott Marquis. On-site registration will be available on a space-available basis.

ACCENT will serve juice and healthy snacks. Parents and guardians will be responsible for their children's meals. Lunch hour is from 12:00 noon to 1:00 pm.

Hours of Operation:
Sunday, October 16, to Wednesday, October 19
7:30 am - 10:00 pm

If you have questions, stop by the Camp ACS registration desk at the Marriott Marquis, or call the hotel at 202-824-9200 and ask to be connected to the Camp ACS desk.

As part of the Child Care Program, ACS is offering Little Medical School, an educational enrichment program that allows children the opportunity to explore the world of medicine, science, and health in an engaging and fun way. Each child receives a high-quality disposable white doctor's coat, organ sticker set, surgical kit, Little Medical School's ABC book, and an ACS-branded graduate diploma. Little Medical School is prepared to accommodate children of all ages. This optional program is offered as an add-on to the child care services at the Marriott Marquis and will be supervised by our licensed child care provider. Children must be registered for Camp ACS in order to participate.

Program Date and Location
Monday, October 17
1:00 - 4:00 pm
Marriott Marquis, Catholic University Room

2016 Track Schedule

The scientific program, scheduled in discipline- and theme-based tracks, will focus specifically on the needs of various surgical specialties and learner groups.

A full listing of 2016 track schedule is provided via the Clinical Congress app.

SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
		Basic/Translational Research (BTR)			
		Colon and Rectal Surgery (CRS)			
		Cardiothoracic Surgery (CTS)			
	Education/Outcomes and Safety (EDU)				
		Ethics (ETH)			
General Surgery (GEN)					
			Geriatric/Palliative Care (GER)		
	Health Policy: Practice Management/Reimbursement/Liability Issues (HP)				
Surgical Humanitarian Outreach (HUM)					
		Informatics (INFO)			
		International (INT)			
		Neurosurgery (NEU)			
	Obstetrics and Gynecology (OBG)				
Surgical Oncology (ONC)					
				Ophthalmic Surgery (OPHTHO)	
		Orthopaedic Surgery (ORT)			
	Otolaryngology–Head and Neck Surgery (OTO)				
		Pediatric Surgery (PED)			
		Plastic and Maxillofacial Surgery (PLA)			
	Residents/Medical Students (RES/MED)				
RUS		Rural Surgery (RUS)			
Trauma (TRA)					
URO		Urology (URO)			
VAS		Vascular Surgery (VAS)			

Sessions-at-a-Glance by Track

KEY TO SESSION/COURSE CODES

DEC Didactic/Experiential Course
ME Meet-the-Expert Luncheon
NL Named Lecture
P Poster Session
PS Panel Session
SF Scientific Forum
SI Special Interest Session
SL Special Sessions
SSC Surgical Skills Course
TH Town Hall Meeting
VE Video-Based Session

LOCATION ABBREVIATIONS

GWU George Washington University
MMH Marriott Marquis Hotel
RDH Renaissance Downtown Hotel
USUHS Uniformed Services University of the Health Sciences

($) indicates that additional fees and registration apply

(W) Webcast session (Webcast Package available for purchase)

Audio session (part of the Webcast Package)

CC Cultural Competency
E Ethics
EoL End-of-Life Care
PA Palliative Care
PM Pain Management
PtS Patient Safety
RM Risk Management
SA Self-Assessment
T Trauma

BASIC / TRANSLATIONAL RESEARCH (BTR)

MONDAY, OCTOBER 17

11:30–1:00	PS108	3-D Printing in Cardiothoracic Surgery: Fad or Transformative?	70	202B	(W)
11:30–1:00	PS111	Cultivating the Next Generation of Surgeon–Scientists	70	202A	(W)
1:15–2:15	ME105	How to Get Your Research Published	64	148	($)
4:15–5:00	NL04	I.S. Ravdin Lecture in the Basic and Surgical Sciences	39	Ballroom A	

TUESDAY, OCTOBER 18

8:00–9:30	SF09	Bariatric/Foregut I	114	202A	
12:45–4:00	SF18	Bariatric/Foregut II	120	201	
12:45–4:00	SF21	Transplantation and Tissue Engineering I	123	151B	
2:30–4:00	PS228	Human Genomics and Personalized Medicine in Surgical Practice	86	202A	(W)

WEDNESDAY, OCTOBER 19

8:00–4:30		Transplantation and Tissue Engineering Posters		Hall B	
9:45–11:15	SF36	Transplantation and Tissue Engineering II	134	202A	
4:15–5:45	PS333	Coming of Age in Cancer Immunotherapy	100	207A	(W)

CARDIOTHORACIC SURGERY (CTS)

MONDAY, OCTOBER 17

8:00–4:30	P	Cardiac/Thoracic Posters		Hall B	
9:45–10:45	NL02	John H. Gibbon, Jr., Lecture	39	Ballroom A	
11:30–1:00	PS108	3-D Printing in Cardiothoracic Surgery: Fad or Transformative?	70	202B	(W)
4:15–5:45	PS127	Management of Acute Rib Fractures	76	Ballroom C	(W)
5:30–9:00	SI10	Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	32	RDH–Renaissance Ballroom	

TUESDAY, OCTOBER 18

8:00–11:15	SF13	Thoracic Surgery	116	152A	
9:45–11:15	PS208	Controversies in Barrett's Esophagus	80	Ballroom B	(W)
12:45–2:15	PS217	How to Introduce New Technology and Advanced Procedures into a Cardiothoracic Surgery Practice	83	102	(W)
12:45–2:15	VE16	Cardiothoracic Surgery	154	206	
2:30–4:00	PS226	Chest Wall Injuries: Innovative Approaches and Management	86	143BC	(W)
2:30–4:00	VE19	Thoracic Surgery	156	206	
4:15–5:45	PS238	Thoracic Outlet Syndrome	90	145	(W)

WEDNESDAY, OCTOBER 19

9:45–11:15	PS309	Cardiothoracic Surgery Maintenance of Certification at Your Own Institution	93	140	(W)

THURSDAY, OCTOBER 20

7:00–7:45	TH14	How to Set Up a Lung Cancer Screening Program at Your Institution	37	202B	

COLON AND RECTAL SURGERY (CRS)

MONDAY, OCTOBER 17

9:45–1:00	VE01	Colon and Rectal Surgery I	148	207B	
9:45–11:15	PS102	Diverticulitis–Anything New in 2016?	68	Hall D	(W)
9:45–11:15	PS103	Friend or Foe?: Understanding the Microbiome in the Surgical Patient	68	144	(W)
9:45–11:15	PS104	Human Papillomavirus (HPV)-Related Cancers: Vaccinate Early, Screen Regularly! What Surgeons Should Know	69	206	(W)
11:30–1:00	PS110	Complications of Radical Pelvic Surgery	70	144	(W)
11:30–1:00	PS113	Small and Large Bowel Obstruction: Current Management	71	Ballroom C	(W)

1:00–5:15	SSC07	Advanced Colonoscopy: Polypectomy and Beyond	59	103B	$
1:15–2:15	ME101	Anorectal Surgery	64	141	$
1:15–2:15	ME104	Crohn's Disease: Basic Principles to Steer You Away From Trouble	64	158B	$
1:15–2:15	ME115	Treatment Options for Anal Fissure	65	209A	$
2:30–4:00	PS122	Rectal Cancer Commission on Cancer Accreditation Panel 2016	74	202B	
4:15–5:45	PS124	Colon Cancer: Advances in Screening and Care	75	Hall D	
TUESDAY, OCTOBER 18					
8:00–12:15	SSC09A	Minimally Invasive Laparoscopic Colorectal Surgery (Lecture Only)	60	103A	$
8:00–5:45	SSC09B	Minimally Invasive Laparoscopic Colorectal Surgery (Lecture and Lab)	60	103A GWU	$
8:00–9:00	NL05	Herand Abcarian Lecture	39	201	
8:30–12:45	DEC14	Prehabilitation and Enhanced Recovery	51	151A	$
9:45–11:15	SF15	Colon and Rectal Surgery I	118	Ballroom A	
11:30–12:30	ME207	Clostridium Difficile Colitis: Is It Getting Out of Hand?	65	203A	$
11:30–12:30	ME210	Laparoscopic Colectomy: Tips and Tricks	65	209A	$
11:30–12:30	ME211	Maintenance of Certification: Colon and Rectal Surgery	65	148	$
12:45–2:15	PS219	To Prep or Not to Prep: Understanding the Data on Bowel Preparation for Elective Colon Resection	83	Hall D	
12:45–4:00	VE17	Colon and Rectal Surgery II	155	207A	
2:30–4:00	SF23	Colon and Rectal Surgery II	124	Ballroom B	
4:15–5:45	PS235	Management of Complex Enterocutaneous Fistulas	89	Hall D	
4:15–5:45	PS239	Workup and Management of a Functional Adrenal Mass	90	207A	
WEDNESDAY, OCTOBER 19					
8:00–4:30	P	Colon and Rectal Surgery Posters		Hall B	
8:00–11:15	SF32	Colon and Rectal Surgery III	131	146A	
9:45–11:15	PS308	Advanced Endoscopic Techniques	92	145	
11:30–12:30	ME301	Anal Neoplasia	65	158A	$
12:45–2:15	PS318	Colorectal Anastomotic Leaks: Prevention and Management	96	Ballroom A	
12:45–2:15	VE27	Subject-Oriented Symposium IV: Atlas Showcase: Colon and Rectal Surgery Volume	159	143A	
2:30–4:00	SF37	Colon and Rectal Surgery IV	135	Ballroom B	
4:15–5:45	PS336	Multimodality Approach in the Management of Rectal Cancer	101	144	
THURSDAY, OCTOBER 20					
8:00–9:30	PS406	Robotic Gastrointestinal Surgery: Help or Hype?	104	202A	
8:00–11:15	SF45	Colon and Rectal Surgery V	141	152A	

EDUCATION / OUTCOMES & SAFETY (EDU)

SATURDAY, OCTOBER 15					
9:00–4:30	DEC03	Surgical Education: Principles and Practice	45	140	$
SUNDAY, OCTOBER 16					
9:00–4:30	DEC08	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	48	103B	$
MONDAY, OCTOBER 17					
8:00–4:30	P	Surgical Education Posters		Hall B	
9:45–11:15	SF01	Surgical Education I	108	145	
10:00–2:15	DEC12	How Do I Get My Hospital Verified as a Children's Surgical Center?	50	151B	$
11:30–1:00	PS111	Cultivating the Next Generation of Surgeon-Scientists	70	202A	
1:15–2:15	ME106	How to Mentor a Newly Trained Partner	64	159A	$
2:30–4:00	PS122	Rectal Cancer Commission on Cancer Accreditation Panel 2016	74	202B	
4:15–5:45	PS125	The Gender Gap in Surgery	75	Ballroom B	
TUESDAY, OCTOBER 18					
7:00–7:45	TH05	An Update on the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP)	35	207A	
8:00–11:45	SSC08A	Laparoscopic Inguinal and Ventral Hernia Repair (Lecture Only)	59	140	$
8:00–5:00	SSC08B	Laparoscopic Inguinal and Ventral Hernia Repair (Lecture and Lab)	59	140	$
8:00–9:30	PS206	Understanding Diversity, Navigating Bias	79	202B	
8:00–9:30	SF10	Surgical Education II	114	150	
9:45–11:15	PS210	Introducing New Technologies in the Operating Room	81	Ballroom C	
12:45–2:15	PS217	How to Introduce New Technology and Advanced Procedures into a Cardiothoracic Surgery Practice	83	102	
12:45–2:15	PS219	To Prep or Not to Prep: Understanding the Data on Bowel Preparation for Elective Colon Resection	83	Hall D	
12:45–2:15	PS222	Update on Tracheotomy: Techniques, Pitfalls, Complications, and Safe Care at Home	84	202B	
12:45–5:00	PS223	Association of Program Directors in Surgery (APDS) Panels	85	150	
2:30–4:00	PS229	Principles of Leadership for the Young Surgeon	87	Ballroom C	

4:15–5:45	PS234	Life-Threatening Perioperative Anesthetic Complications	88	Ballroom A	
4:15–5:45	PS236	Palliative Care in High-Risk (Elderly, Frail, and Cancer) Patients	89	Ballroom B	
4:15–5:45	PS237	Social Media and Surgical Education	89	202A	
WEDNESDAY, OCTOBER 19					
7:00–7:45	TH10	The Role of Simulation in International Surgical Education	37	207A	
7:00–7:45	TH11	Appendectomy vs. Antibiotics–The First American Randomized Trial	37	207B	
8:00–11:15	SF34	Surgical Education III	133	102	
8:00–12:15	DEC16	Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties	52	151A	
8:30–4:00	DEC18	Innovation and Invention in Surgery	53	103A	
12:45–2:15	PS319	The Enduring Impact of Three African-American Surgical Pioneers	96	206	
12:45–2:15	PS320	Logistics and Wellness for Pregnant Surgeons	96	144	
12:45–2:15	PS321	Readiness, Currency, and Competency for Military Surgeons: A Presentation by the Military Health System Strategic Partnership ACS	97	150	
12:45–2:15	PS322	Utility of Pediatric NSQIP: How Does It Help Me?	97	202A	
2:30–4:00	PS327	Models for Successfully Integrating New Interprofessional Team Members	98	152A	
2:30–4:00	PS328	Strategies for the Resident and Surgeon Facing Burnout	99	202A	
2:30–4:00	PS329	The Successful Resident Educator: Tips on Teaching and Feedback	99	150	
2:30–4:00	SF38	Surgical Education IV	135	143BC	
4:15–5:45	PS337	Mythbusters: Deconstructing the Surgery Clerkship	101	150	
THURSDAY, OCTOBER 20					
7:00–7:45	TH15	Autonomy: The Secret Recipe for Surgical Education	38	206	
7:00–7:45	TH17	The American College of Surgeons National Surgical Quality Improvement Program: What Is It Doing for You Today?	38	207B	
8:00–9:30	PS401	Ten Hot Topics in Ensuring Surgical Safety	102	102	
8:00–11:15	SF49	Surgical Education V	145	146A	
9:45–11:15	PS413	The College's Clinical Scholars 2016	106	102	

ETHICS (ETH)

TUESDAY, OCTOBER 18					
7:00–7:45	TH03	30-Day Mortality Outcomes and Surgical Palliative Care: Can They Co-Exist?	35	202B	
8:00–4:30		Ethics Posters			
8:00–11:15	SF11	Ethics	115	102	
2:30–5:45	PS231	Ethics Colloquium: Burning Issues in Surgical Ethics	87	202B	
WEDNESDAY, OCTOBER 19					
9:45–10:45	NL10	John J. Conley Ethics and Philosophy Lecture	40	201	

GENERAL SURGERY (GEN)

SATURDAY, OCTOBER 15					
8:00–3:30	DEC01	Emergency General Surgery Review	44	151A	
8:00–5:30	SSC01	Advanced Skills Training for Rural Surgeons: Emergency Urology and Vascular Procedures	54	GWU	
8:00–4:00	DEC02	Atypical Breast Lesions: Defining and Managing this High-Risk Population	44	151B	
SUNDAY, OCTOBER 16					
8:00–4:30	PS001	Maintenance of Competency for the Military Surgeon	67	MMH Marquis Salon 5	
8:00–5:15	SSC02	International Humanitarian Aid Surgery	55	USUHS	
8:00–12:15	SSC03A	Surgical Endoscopy: Essential Skills for the Gastrointestinal Surgeon	55	140 GWU	
8:00–5:30	SSC03B	Surgical Endoscopy: Essential Skills for the Gastrointestinal Surgeon	55	140 Salon GH	
8:15–5:30	SSC04	Thyroid, Parathyroid, and Neck Ultrasound	56	Salon I	
8:30–4:00	DEC06	Office and Hospital Coding: What to Bill, How to Document and Appeal–2016 Basic Coding Workshop	47	103A	
9:00–4:30	DEC07	Fertility and Pregnancy in the Young Breast Cancer Patient and Those with Genetic Mutations	47	151B	
9:15–4:45	SSC14	Robotic Gastrointestinal Surgery: Program Planning, Approach, and Applications	57	143BC	
MONDAY, OCTOBER 17					
8:00–4:30	P	General Surgery Posters		Hall B	
8:00–9:30	NL01	Opening Ceremony/Martin Memorial Lecture Sponsored by the American Urological Association	39	Hall D	
9:45–1:00	SF02	Hepatobiliary and Pancreas I	108	150	
9:45–1:00	VE02	General Surgery I	149	207A	
9:45–5:15	DEC10	Challenges in General Surgery Coding and Reimbursement: 2016 Advanced Coding Workshop	48	140	

9:45–11:15	PS100	Contemporary Management of the Diabetic Foot	67	202A	Ⓜ Ⓦ
9:45–11:15	PS101	Current Practices for the Diagnosis and Treatment of Surgery-Associated Lymphedema	68	202B	Ⓜ Ⓦ
9:45–11:15	PS102	Diverticulitis–Anything New in 2016?	68	Hall D	Ⓜ Ⓦ
9:45–11:15	PS103	Friend or Foe? Understanding the Microbiome in the Surgical Patient	68	144	Ⓜ Ⓦ
9:45–11:15	PS106	Surgical Management of Upper Gastrointestinal Bleeding	69	Ballroom C	Ⓜ Ⓦ
9:45–11:15	PS107	Laparoscopy in Trauma and Acute Care Surgery	69	Ballroom B	Ⓜ Ⓦ
10:00–5:00	DEC11-1	General Surgery Review Course	49	147	Ⓢ
10:00–5:30	SSC05	Endoscopic Bariatric Techniques: Skills and Strategies for Mastering Primary Endoluminal Procedures and Managing Complications	57	103A	Ⓢ
11:30–1:00	PS108	3-D Printing in Cardiothoracic Surgery: Fad or Transformative?	70	202B	Ⓜ Ⓦ
11:30–1:00	PS112	Hemostatic Resuscitation: Update 2016	71	Ballroom A	Ⓜ Ⓦ
11:30–1:00	PS113	Small and Large Bowel Obstruction: Current Management	71	Ballroom C	Ⓜ Ⓦ
11:30–1:00	PS114	Universal Access to Surgery: The Good, The Bad, and the Ugly	71	Ballroom B	Ⓜ Ⓦ
11:30–1:00	VE03	Subject-Oriented Symposium I: Novel Interventions in Bariatric Surgery	149	206	
1:00–2:30	SL01	Firearm Injury Prevention	41	Hall D	Ⓜ Ⓦ
1:00–5:15	DEC13	Wound Care: Mentoring the Mentors	51	151A	Ⓢ
1:00–5:15	SSC06	Interventional Ultrasound Applications for the General Surgeon	58	Salon I	Ⓢ
1:00–5:15	SSC07	Advanced Colonoscopy: Polypectomy and Beyond	59	103B	Ⓢ
1:15–2:15	ME102	Complex Abdominal Trauma	64	142	Ⓢ
1:15–2:15	ME103	Critical Issues in Laparoscopic Ventral Hernia Repair	64	204A	Ⓢ
1:15–2:15	ME105	How to Get Your Research Published	64	148	Ⓢ
1:15–2:15	ME106	How to Mentor a Newly Trained Partner	64	159A	Ⓢ
1:15–2:15	ME107	Management of Mega Goiters	64	159B	Ⓢ
1:15–2:15	ME110	Prostate Cancer	64	203A	Ⓢ
1:15–2:15	ME111	Peritoneal Dialysis Catheters: Correcting Problem Catheters and Planning Placement for Optimal Function	64	203B	Ⓢ
1:15–2:15	ME113	The Difficult Gallbladder: Tricks of the Trade	64	155	Ⓢ
2:30–4:00	PS116	Acute Surgical Emergencies in Patients with End-Stage Liver or Renal Disease or After Transplant	72	201	Ⓜ Ⓦ
2:30–4:00	PS117	Contemporary Management of Salivary Gland Disease Sialendoscopy and Beyond	72	152A	Ⓜ Ⓦ
2:30–4:00	PS118	Ductal Carcinoma In-Situ: Too Little, Too Big, or Just Right?	73	Ballroom B	Ⓜ Ⓦ
2:30–4:00	PS119	New Initiates Program: Celebrating Diversity, Recognizing Opportunity, and Moving Forward Together	73	152B	
2:30–4:00	PS121	Recurrent Inguinal Hernias	73	Hall D	Ⓜ Ⓦ
2:30–4:00	VE06	General Surgery IV	150	207B	
2:30–5:45	PS123	Latin America Day	74	146A	
2:30–5:45	SF07	General Surgery I	112	202A	
2:30–5:45	VE07	Challenging and Unusual Problems in Surgery	151	207A	
4:15–5:00	NL04	I.S. Ravdin Lecture in the Basic and Surgical Sciences	39	Ballroom A	
4:15–5:45	PS124	Colon Cancer: Advances in Screening and Care	75	Hall D	Ⓜ Ⓦ
4:15–5:45	PS128	Management of Hereditary Endocrine Syndromes	76	206	Ⓜ Ⓦ
4:15–5:45	PS129	Outpatient Management of Routine Pediatric Surgical Disease: Is It Safe and Feasible?	76	201	Ⓜ Ⓦ
4:15–5:45	PS131	Surgical Decision Making in Patients with Intraductal Papillary Mucinous Neoplasms	77	150	Ⓜ Ⓦ
6:30–8:30	VE08	Clinical Workshop through Video	151	MMH Marquis Salon 5	
TUESDAY, OCTOBER 18					
7:00–7:45	TH02	Onboarding for Surgeons: Preparation for Practice Life	35	202A	
7:00–7:45	TH05	An Update on the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP)	35	207A	
7:00–7:45	TH16	Use and Abuse of Opioids in the Surgical Practice	36	206	
8:00–4:00	DEC11-2	General Surgery Review Course	50	147	Ⓢ
8:00–4:30	P	Bariatric/Foregut Posters		Hall B	
8:00–4:30	P	Hepatobiliary and Pancreas Posters		Hall B	
8:00–11:45	SSC08A	Laparoscopic Inguinal and Ventral Hernia Repair (Lecture Only)	59	140	Ⓢ
8:00–12:15	SSC09A	Minimally Invasive Laparoscopic Colorectal Surgery (Lecture Only)	60	103A	Ⓢ
8:00–5:00	SSC08B	Laparoscopic Inguinal and Ventral Hernia Repair (Lecture and Lab)	59	140 Salon G	Ⓢ
8:00–5:45	SSC09B	Minimally Invasive Laparoscopic Colorectal Surgery (Lecture and Lab)	60	103A GWU	Ⓢ

8:00–9:30	PS200	A Night on Emergency General Surgery Call	77	Ballroom A	
8:00–9:30	PS201	Cholecystectomy: Choosing the Right Patient for Surgery	77	Hall D	
8:00–9:30	PS202	Non-Obstetric Laparoscopy Surgery in Pregnancy	78	Ballroom B	
8:00–9:30	PS203	Novel Anticoagulants: Appropriate Uses and Issues in Reversal	78	Ballroom C	
8:00–9:30	PS205	The Role of Simulation in Training, Education, and Maintenance of Certification in Pediatric Surgery	79	152B	
8:00–9:30	SF09	Bariatric/Foregut I	114	202A	
8:00–9:30	VE09	Pancreas Surgery	152	207A	
8:00–11:15	PS207	Surgical Jeopardy	79	145	
8:00–11:15	VE10	International Video Session	152	206	
8:30–12:45	DEC14	Prehabilitation and Enhanced Recovery	51	151A	
9:00–1:15	DEC15	Thyroid and Parathyroid Ultrasound in Practice: Improving Interpretation, Expanding Application	52	103B	
9:00–4:30	SSC10	Endovascular Approaches to Hemorrhage Control and Resuscitation–Integrating BEST™ and ESTARS™	61	Salon I	
9:45–10:45	NL06	Excelsior Surgical Society/ Edward D. Churchill Lecture	40	201	
9:45–11:15	PS208	Controversies in Barrett's Esophagus	80	Ballroom B	
9:45–11:15	PS209	Incisional Hernia: Prevention and Treatment	80	Hall D	
9:45–11:15	PS210	Introducing New Technologies in the Operating Room	81	Ballroom C	
9:45–11:15	PS211	Pediatric Pancreatic Trauma: To Operate or Not to Operate: That Is the Question	81	146A	
9:45–11:15	PS212	Perioperative Calcium Treatment after Thyroid and Parathyroid Surgery	81	202A	
9:45–11:15	PS213	Unique Challenges of Surgical Care in Native American Communities	82	202B	
9:45–11:15	PS214	Venous Thromboembolic Disease: Contemporary Diagnosis and Therapy	82	150	
9:45–11:15	VE11	Hepatobiliary Surgery I	153	207A	
9:45–11:15	VE14	Subject-Oriented Symposium II: Complex Endocrine Neck Surgery	154	207B	
11:15–12:45	SL02	ACS Strong for Surgery	41	Hall D	
11:30–12:30	ME201	Abdominal Compartment Syndrome	65	158A	
11:30–12:30	ME202	Advancing the Use of Ultrasound in Acute Care Surgery	65	158B	
11:30–12:30	ME203	Approaches to Acute Pancreatitis	65	159A	
11:30–12:30	ME204	Nonoperative Management of Appendicitis	65	141	
11:30–12:30	ME208	Fixation of Rib Fractures	65	203B	
11:30–12:30	ME209	Gastrointestinal Stomal Tumors (GIST)	65	142	
11:30–12:30	ME210	Laparoscopic Colectomy: Tips and Tricks	65	209A	
11:30–12:30	ME212	Mesh for Hernia Repair: The Good, the Bad, and the Ugly	65	204A	
11:30–12:30	ME213	Minimally Invasive Parathyroidectomy: How I Do It	65	208B	
11:30–12:30	ME214	Neuroendocrine Tumors of the Pancreas 101: What Do I Need to Know?	65	155	
11:30–12:30	ME215	Voice Rehabilitation after Recurrent Nerve Injury : How and When to Fix It	65	208A	
11:30–12:30	VE15	Icons in Surgery I	154	207B	
12:45–2:15	PS216	Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers	83	207B	
12:45–2:15	PS219	To Prep or Not to Prep: Understanding the Data on Bowel Preparation for Elective Colon Resection	83	Hall D	
12:45–2:15	PS220	Management of Recurrent Gastrointestinal Stromal Tumors in the Era of Multidisciplinary Care	84	202A	
12:45–2:15	PS221	Who's on Call: Surgical Workforce Needs for the Next 25 Years	84	Ballroom B	
12:45–2:15	PS222	Update on Tracheotomy: Techniques, Pitfalls, Complications, and Safe Care at Home	84	202B	
12:45–4:00	SF18	Bariatric/Foregut II	120	201	
12:45–4:00	VE18	Controversies in General Surgery	155	MMH Marquis Salon 5	
2:30–3:30	NL08	Olga M. Jonasson Lecture	40	145	
2:30–4:00	PS224	Acute Pancreatitis: What's New and What's Changing?	85	Hall D	
2:30–4:00	PS225	Breast Cancer: Genetics, Risk-Assessment, and Genome Profiling	86	Ballroom A	
2:30–4:00	PS226	Chest Wall Injuries: Innovative Approaches and Management	86	143BC	
2:30–4:00	PS227	Hemodialysis Access	86	140	
2:30–4:00	PS228	Human Genomics and Personalized Medicine in Surgical Practice	86	202A	
2:30–4:00	PS229	Principles of Leadership for the Young Surgeon	87	Ballroom C	
2:30–4:00	PS230	What Do I Need to Know about Abdominal Aortic Aneurysms?	87	149	
2:30–5:45	SF25	Hepatobiliary and Pancreas II	125	144	
2:30–5:45	VE20	General Surgery II–Oncology	156	207B	
4:15–5:45	PS233	Is It Time for Me to Retire as a Surgeon?	88	Ballroom C	

4:15–5:45	PS235	Management of Complex Enterocutaneous Fistulas	89	Hall D	Ⓜ Ⓦ
4:15–5:45	PS236	Palliative Care in High-Risk (Elderly, Frail, and Cancer) Patients	89	Ballroom B	Ⓜ Ⓦ
4:15–5:45	PS239	Workup and Management of a Functional Adrenal Mass	90	207A	Ⓜ Ⓦ
6:30–8:30	VE21	Best Videos from the Past	157	MMH Marquis Salon 5	
WEDNESDAY, OCTOBER 19					
7:00–7:45	TH06	The Surgeon Specific Registry (SSR) for the Practicing Surgeon	36	201	
7:00–7:45	TH11	Appendectomy vs. Antibiotics–The First American Randomized Trial	37	207B	
8:00–4:30	P	Breast Posters		Hall B	
8:00–4:30	P	Endocrine Surgery Posters		Hall B	
8:00–9:30	PS300	Cholecystectomy 2016: Achieving a Culture of Safety	90	Hall D	Ⓜ Ⓦ
8:00–9:30	PS302	The Evolving Role of Surgical Resection after Preoperative Therapy for Locally Advanced Hepatobiliary Cancers	91	202A	Ⓜ Ⓦ
8:00–9:30	PS304	New Approaches to an Old Problem: Pediatric Abdominal Wall Defects	91	144	Ⓜ Ⓦ
8:00–9:30	PS305	Oncoplastic Surgery: Aiding the Treatment of Women with Breast Cancer	91	145	Ⓜ Ⓦ
8:00–9:30	PS306	What's New in Surgical Critical Care?	92	Ballroom A	Ⓜ Ⓦ
8:00–11:15	PS307	Spectacular Cases	92	150	Ⓜ Ⓦ
8:00–11:15	SF33	General Surgery II	132	Ballroom B	
8:00–12:15	DEC16	Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties	52	151A	Ⓢ
8:30–4:00	SSC11	Rib Plating	61	Salon I	Ⓢ
9:00–4:30	SSC12	Bedside Procedures in the Surgical Intensive Care Unit (SICU): What? Why? and How?	62	103B Salon GH	Ⓢ
9:00–5:30	SSC13	Oncoplastic Breast Surgery for the General Surgeon	62	GWU	Ⓢ
9:45–11:15	PS308	Advanced Endoscopic Techniques	92	145	Ⓜ Ⓦ
9:45–11:15	PS309	Cardiothoracic Surgery Maintenance of Certification at Your Own Institution	93	140	Ⓜ Ⓦ
9:45–11:15	PS311	Non-Bariatric Surgery in the Morbidly Obese	93	Ballroom A	Ⓜ Ⓦ
9:45–11:15	PS312	Trauma: Challenge the Experts–Case Discussion	94	Hall D	Ⓜ Ⓦ
9:45–11:15	PS313	Pediatric Neurologic Anesthetic Risks: What Do the Data Show?	94	152A	Ⓜ Ⓦ
9:45–11:15	VE22	Endocrine Surgery	157	207B	
9:45–11:15	VE23	Subject-Oriented Symposium III: Management of Complications in Gastrointestinal Surgery	157	207A	
11:30–12:30	ME303	Evaluation and Management of Pancreatic Cysts	66	141	Ⓢ
11:30–12:30	ME306	Management of Gastroesophageal Junction Perforations and Esophageal Anastomotic Leaks	66	156	Ⓢ
11:30–12:30	ME307	Management of Gastroesophageal Reflux Disease (GERD) in the Obese Patient	66	203B	Ⓢ
11:30–12:30	ME308	Necrotizing Soft-Tissue Infections	66	142	Ⓢ
11:30–12:30	ME309	New Concepts in Breast Cancer	66	148	Ⓢ
11:30–12:30	ME310	Barrett's Esophagus	66	204A	Ⓢ
11:30–12:30	ME311	Perioperative Airway Management of the Obese Patient	66	208A	Ⓢ
11:30–12:30	ME312	Practical Tips for Thyroidectomy	66	155	Ⓢ
11:30–12:30	ME313	Minimally Invasive Treatment for Pancreatic Debridement	66	203A	Ⓢ
11:30–12:30	ME314	Sportsman Hernia: Is It Real?	66	209A	Ⓢ
11:30–12:30	ME315	Systematic Management of Nodal Disease from Thyroid Cancer	66	208B	Ⓢ
11:30–12:30	VE26	Icons in Surgery II	159	206	
12:00–4:00	PS315	The College's International Scholars and Travelers 2016	95	201	
12:45–2:15	PS317	Coagulopathy: Old Problem/ New Solutions	95	Ballroom C	Ⓜ Ⓦ
12:45–2:15	PS318	Colorectal Anastomotic Leaks: Prevention and Management	96	Ballroom A	Ⓜ Ⓦ
12:45–2:15	PS319	The Enduring Impact of Three African-American Surgical Pioneers	96	206	Ⓜ Ⓦ
12:45–2:15	PS320	Logistics and Wellness for Pregnant Surgeons	96	144	Ⓜ Ⓦ
12:45–2:15	PS322	Utility of Pediatric NSQIP: How Does It Help Me?	97	202A	Ⓜ Ⓦ
12:45–4:00	VE28	General Surgery III–Hernia	159	207A	
2:30–4:00	PS323	Abdominal Wall Reconstruction: Past, Present, and Future	97	Ballroom A	Ⓜ Ⓦ
2:30–4:00	PS324	Appendicitis: Why Haven't We Figured Out Who to Operate On, What to Treat Nonoperatively, or Who to Drain Percutaneously?	98	Ballroom C	Ⓜ Ⓦ
2:30–4:00	PS326	Detection and Treatment of Vascular Emergencies	98	144	Ⓜ Ⓦ
2:30–4:00	PS328	Strategies for the Resident and Surgeon Facing Burnout	99	202A	Ⓜ Ⓦ
2:30–4:00	PS330	The Value of Patient-Reported Outcome Measures for Surgeons and Their Patients	99	102	Ⓜ Ⓦ
2:30–5:45	SF39	Breast	136	202B	
2:30–5:45	SF40	Endocrine Surgery	136	149	
4:15–5:45	PS331	A Night on Call in the Surgical Intensive Care Unit–Case Panel	100	Ballroom A	Ⓜ Ⓦ

4:15–5:45	PS332	Avoiding Disaster in Thyroid Surgery: Key Surgical Maneuvers	100	Ballroom B	Ⓜ Ⓦ
4:15–5:45	PS333	Coming of Age in Cancer Immunotherapy	100	207A	Ⓜ Ⓦ
4:15–5:45	PS334	Emergency Complications after Bariatric Surgery	101	Ballroom C	Ⓜ Ⓦ
4:15–5:45	PS335	Liver Transplantation vs. Resection for Hepatocellular Carcinoma: East Meets West	101	146A	Ⓜ Ⓦ
4:15–5:45	PS336	Multimodality Approach in the Management of Rectal Cancer	101	144	Ⓜ Ⓦ
4:15–5:45	PS337	Mythbusters: Deconstructing the Surgery Clerkship	101	150	Ⓜ Ⓦ
THURSDAY, OCTOBER 20					
7:00–7:45	TH17	The American College of Surgeons National Surgical Quality Improvement Program: What Is It Doing for You Today?	38	207B	
8:00–9:30	PS400	Ten Hot Topics in General Surgery	102	Ballroom A	Ⓜ Ⓦ
8:00–9:30	PS401	Ten Hot Topics in Ensuring Surgical Safety	102	102	Ⓜ Ⓦ
8:00–9:30	PS403	Milestones, Autonomy, and Supervision in Surgical Training	103	202B	Ⓜ Ⓦ
8:00–9:30	PS404	Mass Casualties and Preparing for Them in 2017	103	Ballroom B	Ⓜ Ⓦ
8:00–9:30	PS406	Robotic Gastrointestinal Surgery: Help or Hype?	104	202A	Ⓜ Ⓦ
8:00–9:30	VE31	Hepatobiliary Surgery II	161	206	
8:00–11:15	SF47	General Surgery III	143	Ballroom C	
8:00–11:15	VE32	Bariatric Surgery	161	207B	
9:45–11:15	PS407	Anything New in Wound Healing?	104	Ballroom B	Ⓜ Ⓦ
9:45–11:15	PS408	Minimally Invasive Inguinal Hernia Repair: Current Indications and Techniques	104	Ballroom A	Ⓜ Ⓦ
9:45–11:15	PS409	Ten Hot Topics in Surgical Oncology	105	145	Ⓜ Ⓦ

GERIATRIC / PALLIATIVE CARE (GER)

MONDAY, OCTOBER 17					
2:30–4:00	PS121	Recurrent Inguinal Hernias	73	Hall D	Ⓜ Ⓦ
TUESDAY, OCTOBER 18					
7:00–7:45	TH03	30-Day Mortality Outcomes and Surgical Palliative Care: Can They Co-Exist?	35	202B	
8:00–4:30	P	Geriatric Surgery and Palliative Care Posters		Hall B	
8:30–12:45	DEC14	Prehabilitation and Enhanced Recovery	51	151A	Ⓢ
12:45–4:00	SF19	Geriatric Surgery and Palliative Care	121	146A	
4:15–5:45	PS236	Palliative Care in High-Risk (Elderly, Frail, and Cancer) Patients	89	Ballroom B	Ⓜ Ⓦ

HEALTH POLICY: PRACTICE MANAGEMENT / REIMBURSEMENT / LIABILITY ISSUES (HP)

SUNDAY, OCTOBER 16					
8:30–4:00	DEC06	Office and Hospital Coding: What to Bill, How to Document and Appeal—2016 Basic Coding Workshop	47	103A	Ⓢ
MONDAY, OCTOBER 17					
2:30–4:00	SF05	Quality, Safety, and Outcomes I	111	152A	
8:00–4:30	P	Quality, Safety, and Outcomes Posters		Hall B	
9:45–5:15	DEC10	Challenges in General Surgery Coding and Reimbursement: 2016 Advanced Coding Workshop	48	140	Ⓢ
11:30–1:00	PS114	Universal Access to Surgery: The Good, The Bad, and the Ugly	71	Ballroom B	Ⓜ Ⓦ
TUESDAY, OCTOBER 18					
7:00–7:45	TH01	Merit-Based Incentive Payment System (MIPS): Alternate Payment Plan	35	201	
8:00–11:15	SF12	Quality, Safety, and Outcomes II	116	143BC	
11:30–12:30	ME206	Bundling Payment in Surgical Services	65	159B	Ⓢ
2:30–5:45	PS231	Ethics Colloquium: Burning Issues in Surgical Ethics	87	202B	Ⓜ Ⓦ
2:30–5:45	SF28	Quality, Safety, and Outcomes III	128	102	
WEDNESDAY, OCTOBER 19					
7:00–7:45	TH06	The Surgeon Specific Registry (SSR) for the Practicing Surgeon	36	201	
7:00–7:45	TH07	Early Results from Optimal Resources for Pediatric Surgical Care Program	36	202A	
7:00–7:45	TH08	Advocacy for the Young Surgeon	36	202B	
7:00–7:45	TH09	American College of Surgeons and the Electronic Health Record (EHR)	36	206	
8:30–4:00	DEC18	Innovation and Invention in Surgery	53	103A	Ⓢ
12:45–2:15	PS316	Assessing Your Hospital's Financial Health: How Does It Affect Your Job Hunt?	95	145	Ⓜ Ⓦ
2:30–4:00	PS325	Avoiding Payment Penalties: Understanding and Complying with Payment Qualifying Systems, Meaningful Use, and the Physician Value-Based Payment Modifier	98	146A	Ⓜ Ⓦ
2:30–5:45	SF42	Quality, Safety, and Outcomes IV	138	143A	
THURSDAY, OCTOBER 20					
7:00–7:45	TH13	The Aging Surgeon	37	202A	
7:00–7:45	TH16	Advocacy for ACS in Washington: Achievements for Surgeons and Their Patients	38	207A	
8:00–11:15	SF48	Quality, Safety, and Outcomes V	144	140	
9:45–11:15	PS411	Ten Hot Topics in Advocacy and Health Policy	105	202B	Ⓜ Ⓦ

SURGICAL HUMANITARIAN OUTREACH (HUM)

SATURDAY, OCTOBER 15

9:00–4:30	DEC04	Global Health Competencies for Surgeons: Cognitive and System Skills	46	103A	$

SUNDAY, OCTOBER 16

8:00–5:15	SSC02	International Humanitarian Aid Surgery	55	USUHS	$

MONDAY, OCTOBER 17

9:45–11:15	PS105	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2016 Volunteerism and Humanitarian Award Winners	69	102	
11:30–1:00	PS115	*The Lancet* Commission on Global Surgery: Evidence and Solutions for Achieving Health, Welfare, and Economic Development	72	145	W
4:15–5:45	PS130	Surgeons as Global Health Ambassadors: Implementing Sustainable Change through Diverse and Collaborative Teams	76	207B	W

TUESDAY, OCTOBER 18

8:00–4:30	P	Global Surgery/Humanitarian Outreach Posters		Hall B	
12:45–4:00	SF20	Global Surgery/ Humanitarian Outreach	122	154	

WEDNESDAY, OCTOBER 19

8:00–9:00	NL09	Distinguished Lecture of the International Society of Surgery	40	201	
11:15–12:45	SL03	Global Engagement	42	Ballroom C	W

THURSDAY, OCTOBER 20

7:00–7:45	TH18	A New Era for Global Surgery	38	102	

INFORMATICS (INFO)

SUNDAY, OCTOBER 16

9:00–4:30	DEC08	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	48	103B	$

MONDAY, OCTOBER 17

2:30–4:00	PS122	Rectal Cancer Commission on Cancer Accreditation Panel 2016	74	202B	W

TUESDAY, OCTOBER 18

4:15–5:45	PS237	Social Media and Surgical Education	89	202A	W

WEDNESDAY, OCTOBER 19

7:00–7:45	TH09	American College of Surgeons and the Electronic Health Record (EHR)	36	206	

INTERNATIONAL (INT)

SUNDAY, OCTOBER 16

8:00–5:15	SSC02	International Humanitarian Aid Surgery	55	USUHS	$

MONDAY, OCTOBER 17

11:30–1:00	PS114	Universal Access to Surgery: The Good, The Bad, and the Ugly	71	Ballroom B	W
11:30–1:00	PS115	*The Lancet* Commission on Global Surgery: Evidence and Solutions for Achieving Health, Welfare, and Economic Development	72	145	W
2:30–5:45	PS123	Latin America Day	74	146A	
4:15–5:45	PS130	Surgeons as Global Health Ambassadors: Implementing Sustainable Change through Diverse and Collaborative Teams	76	207B	W

TUESDAY, OCTOBER 18

8:00–11:15	VE10	International Video Session	152	206	

WEDNESDAY, OCTOBER 19

7:00–7:45	TH10	The Role of Simulation in International Surgical Education	37	207A	
8:00–9:00	NL09	Distinguished Lecture of the International Society of Surgery	40	201	
12:00–4:00	PS315	The College's International Scholars and Travelers 2016	95	201	
4:15–5:45	PS335	Liver Transplantation vs. Resection for Hepatocellular Carcinoma: East Meets West	101	146A	W

THURSDAY, OCTOBER 20

7:00–7:45	TH18	A New Era for Global Surgery		102	

NEUROSURGERY (NEU)

MONDAY, OCTOBER 17

8:30–4:00	DEC02	Atypical Breast Lesions: Defining and Managing this High-Risk Population	44	151B	$
2:30–3:30	NL03	Charles G. Drake History of Surgery Lecture	39	Ballroom A	
4:15–5:45	PS126	Getting to the Right Spot: The Role of the Access Surgeon in Spine Surgery	75	202B	W

TUESDAY, OCTOBER 18

8:00–9:30	PS204	The Multidisciplinary Care of the Neurotrauma Patient	78	207B	W
9:45–11:15	VE12	Neurological Surgery	153	MMH Marquis Salon 5	
11:30–12:30	ME215	Voice Rehabilitation after Recurrent Nerve Injury: How and When to Fix It	65	208A	$
2:30–4:00	PS228	Human Genomics and Personalized Medicine in Surgical Practice	86	202A	W
4:15–5:45	PS238	Thoracic Outlet Syndrome	90	145	W

WEDNESDAY, OCTOBER 19

8:00–9:30	PS303	Eyelid and Orbital Masses and Deformities: Diagnosis and Management	91	206	W
8:00–9:30	SF30	Neurological Surgery	130	207A	
9:45–11:15	PS313	Pediatric Neurologic Anesthetic Risks: What Do the Data Show ?	94	152A	W

OBSTETRICS AND GYNECOLOGY (OBG)

SUNDAY, OCTOBER 16

9:00–4:30	DEC07	Fertility and Pregnancy in the Young Breast Cancer Patient and those with Genetic Mutations	47	151B	

MONDAY, OCTOBER 17

11:30–1:00	PS110	Complications of Radical Pelvic Surgery	70	144	Ⓜ Ⓦ

TUESDAY, OCTOBER 18

8:00–4:30	P	Obstetrics and Gynecology Posters		Hall B	
8:00–9:30	PS202	Non-Obstetric Laparoscopy Surgery in Pregnancy	78	Ballroom B	Ⓜ Ⓦ
9:45–11:15	PS215	Transgender Surgery: Management of the Transgender Patient	82	152B	Ⓜ Ⓦ
9:45–11:15	VE13	Obstetrics and Gynecology	153	143A	
12:45–2:15	PS218	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	83	Ballroom C	Ⓜ Ⓦ

WEDNESDAY, OCTOBER 19

9:45–11:15	PS310	Contemporary Management of Breast Cancer: The Definition of Adequate Margins in Breast Conservation Surgery and the Role of Sentinel Lymph Node Biopsy	93	Ballroom C	Ⓜ Ⓦ

SURGICAL ONCOLOGY (ONC)

SATURDAY, OCTOBER 15

8:30–4:00	DEC02	Atypical Breast Lesions: Defining and Managing this High-Risk Population	44	151B	$

SUNDAY, OCTOBER 16

9:00–4:30	DEC07	Fertility and Pregnancy in the Young Breast Cancer Patient and Those with Genetic Mutations	47	151B	$

MONDAY, OCTOBER 17

8:00–4:30	P	Surgical Oncology Posters		Hall B	
9:45–1:00	SF03	Surgical Oncology I	109	201	
9:45–11:15	PS101	Current Practices for the Diagnosis and Treatment of Surgery-Associated Lymphedema	68	202B	Ⓜ Ⓦ
9:45–11:15	PS104	Human Papillomavirus (HPV)-Related Cancers: Vaccinate Early, Screen Regularly! What Surgeons Should Know	69	206	Ⓜ Ⓦ
1:15–2:15	ME108	Management of the Axilla in T1 or T2 Breast Cancer	64	156	$
1:15–2:15	ME109	Medullary Thyroid Carcinoma 101: What Do You Need to Know?	64	158A	$
1:15–2:15	ME110	Prostate Cancer	64	203A	$
1:15–2:15	ME112	Personalized Medicine for Breast Cancer	64	208A	$
1:15–2:15	ME114	TNM Cancer Staging: Is It Still Relevant?	64	208B	$
2:30–4:00	PS118	Ductal Carcinoma In-Situ: Too Little, Too Big, or Just Right?	73	Ballroom B	Ⓜ Ⓦ
4:15–5:45	PS128	Management of Hereditary Endocrine Syndromes	76	206	Ⓜ Ⓦ
4:15–5:45	PS131	Surgical Decision Making in Patients with Intraductal Papillary Mucinous Neoplasms	77	150	Ⓜ Ⓦ

TUESDAY, OCTOBER 18

7:00–7:45	TH04	Accruals to Oncology Clinical Trials	35	207B	
9:45–11:15	PS208	Controversies in Barrett's Esophagus	80	Ballroom B	Ⓜ Ⓦ
11:30–12:30	ME205	Breast Cancer Management in 2016	65	156	$
12:45–2:15	PS218	Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It	83	Ballroom C	Ⓜ Ⓦ
12:45–2:15	PS220	Management of Recurrent Gastrointestinal Stromal Tumors in the Era of Multidisciplinary Care	84	202A	Ⓜ Ⓦ
2:30–4:00	PS225	Breast Cancer: Genetics, Risk-Assessment, and Genome Profiling	86	Ballroom A	Ⓜ Ⓦ
2:30–4:00	PS228	Human Genomics and Personalized Medicine in Surgical Practice	86	202A	Ⓜ Ⓦ
4:15–5:45	PS232	Clinical Trial Results and Implementation into the Surgical Oncology Practice Today	88	201	Ⓜ Ⓦ

WEDNESDAY, OCTOBER 19

8:00–9:30	PS302	The Evolving Role of Surgical Resection after Preoperative Therapy for Locally Advanced Hepatobiliary Cancers	91	202A	Ⓜ Ⓦ
8:00–9:30	PS305	Oncoplastic Surgery: Aiding the Treatment of Women with Breast Cancer	91	145	Ⓜ Ⓦ
8:00–11:15	SF35	Surgical Oncology II	133	202B	
9:00–5:30	SSC13	Oncoplastic Breast Surgery for the General Surgeon	62	GWU	$
9:45–11:15	PS310	Contemporary Management of Breast Cancer: The Definition of Adequate Margins in Breast Conservation Surgery and the Role of Sentinel Lymph Node Biopsy	93	Ballroom C	Ⓜ Ⓦ
11:30–12:30	ME305	Intrahepatic Cholangiocarcinoma: Update on Treatment Strategies and Clinical Management	66	159B	$
11:30–12:30	ME309	New Concepts in Breast Cancer	66	148	$
11:30–12:30	ME315	Systematic Management of Nodal Disease from Thyroid Cancer	66	208B	$
12:45–1:45	NL11	Commission on Cancer Oncology Lecture	40	Ballroom B	Ⓜ
2:30–4:00	PS330	The Value of Patient-Reported Outcome Measures for Surgeons and Their Patients	99	102	Ⓜ Ⓦ
2:30–5:45	SF39	Breast	136	202B	
4:15–5:45	PS333	Coming of Age in Cancer Immunotherapy	100	207A	Ⓜ Ⓦ

4:15–5:45	PS335	Liver Transplantation vs. Resection for Hepatocellular Carcinoma: East Meets West	101	146A	Ⓜ Ⓦ
4:15–5:45	PS336	Multimodality Approach in the Management of Rectal Cancer	101	144	Ⓜ Ⓦ
THURSDAY, OCTOBER 20					
8:00–11:15	SF50	Surgical Oncology III	146	151B	
9:45–11:15	PS409	Ten Hot Topics in Surgical Oncology	105	145	Ⓜ Ⓦ
OPHTHALMIC SURGERY (OPHTHO)					
WEDNESDAY, OCTOBER 19					
8:00–9:30	PS303	Eyelid and Orbital Masses and Deformities: Diagnosis and Management	91	206	Ⓜ Ⓦ
11:30–12:30	ME302	Assessing Ocular and Orbital Trauma: What to Do Until the Ophthalmologist Arrives	66	158B	Ⓢ
ORTHOPAEDIC SURGERY (ORT)					
MONDAY, OCTOBER 17					
9:45–11:15	PS100	Contemporary Management of the Diabetic Foot	67	202A	Ⓜ Ⓦ
2:30–4:00	VE04	Orthopaedic Surgery	150	MMH Marquis Salon 5	
4:15–5:45	PS126	Getting to the Right Spot: The Role of the Access Surgeon in Spine Surgery	75	202B	Ⓜ Ⓦ
4:15–5:45	PS127	Management of Acute Rib Fractures	76	Ballroom C	Ⓜ Ⓦ
TUESDAY, OCTOBER 18					
8:00–4:30	P	Orthopaedic Surgery Posters		Hall B	
8:00–9:30	PS204	The Multidisciplinary Care of the Neurotrauma Patient	78	207B	Ⓜ Ⓦ
9:45–11:15	SF16	Orthopaedic Surgery	119	154	
WEDNESDAY, OCTOBER 19					
8:00–9:30	PS301	Compartment Syndrome: What Every Surgeon Should Know	90	Ballroom C	Ⓜ Ⓦ
OTOLARYNGOLOGY–HEAD & NECK SURGERY (OTO)					
SUNDAY, OCTOBER 16					
8:15–5:30	SSC04	Thyroid, Parathyroid, and Neck Ultrasound	56	Salon I	Ⓢ
MONDAY, OCTOBER 17					
9:45–11:15	PS104	Human Papillomavirus (HPV)-Related Cancers: Vaccinate Early, Screen Regularly! What Surgeons Should Know	69	206	Ⓜ Ⓦ
2:30–4:00	PS117	Contemporary Management of Salivary Gland Disease Sialendoscopy and Beyond	72	152A	Ⓜ Ⓦ
2:30–4:00	VE05	Otolaryngology–Head and Neck Surgery	150	206	
TUESDAY, OCTOBER 18					
9:00–1:15	DEC15	Thyroid and Parathyroid Ultrasound in Practice: Improving Interpretation, Expanding Application	52	103B	Ⓢ
9:45–11:15	PS212	Perioperative Calcium Treatment after Thyroid and Parathyroid Surgery	81	202A	Ⓜ Ⓦ
11:30–12:30	ME215	Voice Rehabilitation after Recurrent Nerve Injury: How and When to Fix It	65	208A	
12:45–2:15	PS222	Update on Tracheotomy: Techniques, Pitfalls, Complications, and Safe Care at Home	84	202B	Ⓜ Ⓦ
4:15–5:45	PS234	Life-Threatening Perioperative Anesthetic Complications	88	Ballroom A	Ⓜ Ⓦ
WEDNESDAY, OCTOBER 19					
8:00–9:30	PS303	Eyelid and Orbital Masses and Deformities: Diagnosis and Management	91	206	Ⓜ Ⓦ
9:45–11:15	PS311	Non-Bariatric Surgery in the Morbidly Obese	93	Ballroom A	Ⓜ Ⓦ
4:15–5:45	PS332	Avoiding Disaster in Thyroid Surgery: Key Surgical Maneuvers	100	Ballroom B	Ⓜ Ⓦ
THURSDAY, OCTOBER 20					
7:00–7:45	TH13	The Aging Surgeon	37	202A	
8:00–9:30	PS402	Controversies in the Management of Thyroid and Parathyroid Cancer in Adolescents and Children	103	150	Ⓜ Ⓦ
9:45–11:15	PS410	Surgical Management of Obstructive Sleep Apnea	105	202A	Ⓜ Ⓦ
PEDIATRIC SURGERY (PED)					
MONDAY, OCTOBER 17					
8:00–4:30	P	Pediatric Surgery Posters		Hall B	
10:00–2:15	DEC12	How Do I Get My Hospital Verified as a Children's Surgical Center?	50	151B	Ⓢ
2:30–4:00	SF04	Pediatric Surgery I	110	102	
4:15–5:45	PS128	Management of Hereditary Endocrine Syndromes	76	206	Ⓜ Ⓦ
4:15–5:45	PS129	Outpatient Management of Routine Pediatric Surgical Disease: Is It Safe and Feasible?	76	201	Ⓜ Ⓦ
TUESDAY, OCTOBER 18					
8:00–9:30	PS205	The Role of Simulation in Training, Education, and Maintenance of Certification in Pediatric Surgery	79	152B	Ⓜ Ⓦ
9:45–11:15	PS211	Pediatric Pancreatic Trauma: To Operate or Not to Operate: That Is the Question	81	146A	Ⓜ Ⓦ
9:45–11:15	PS212	Perioperative Calcium Treatment after Thyroid and Parathyroid Surgery	81	202A	Ⓜ Ⓦ
12:45–2:15	PS216	Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers	83	102	Ⓜ Ⓦ
2:30–5:45	SF26	Pediatric Surgery II	126	152B	
4:15–5:45	PS239	Workup and Management of a Functional Adrenal Mass	90	207A	Ⓜ Ⓦ

WEDNESDAY, OCTOBER 19					
7:00–7:45	TH07	Early Results from Optimal Resources for Pediatric Surgical Care Program	36	202A	
8:00–9:30	PS304	New Approaches to an Old Problem: Pediatric Abdominal Wall Defects	91	144	
9:45–11:15	PS313	Pediatric Neurologic Anesthetic Risks: What Do the Data Show?	94	152A	
12:45–2:15	PS322	Utility of Pediatric NSQIP: How Does It Help Me?	97	202A	
2:30–5:45	VE30	Pediatric Surgery	160	206	
4:15–5:45	PS338	Undescended Testis	102	201	
THURSDAY, OCTOBER 20					
8:00–9:30	PS402	Controversies in the Management of Thyroid and Parathyroid Cancer in Adolescents and Children	103	150	
9:45–11:15	PS410	Surgical Management of Obstructive Sleep Apnea	105	202A	

PLASTIC AND MAXILLOFACIAL SURGERY (PLA)

MONDAY, OCTOBER 17					
9:45–11:15	PS101	Current Practices for the Diagnosis and Treatment of Surgery-Associated Lymphedema	68	202B	
TUESDAY, OCTOBER 18					
8:00–4:30	P	Plastic and Maxillofacial Surgery Posters		Hall B	
9:45–11:15	PS215	Transgender Surgery: Management of the Transgender Patient	82	152B	
2:30–5:45	SF27	Plastic and Maxillofacial Surgery I	127	143A	
WEDNESDAY, OCTOBER 19					
8:00–9:30	PS304	New Approaches to an Old Problem: Pediatric Abdominal Wall Defects	91	144	
8:00–9:30	PS305	Oncoplastic Surgery: Aiding the Treatment of Women with Breast Cancer	91	145	
2:30–5:45	SF41	Plastic and Maxillofacial Surgery II	137	140	
THURSDAY, OCTOBER 20					
8:00–11:15	SF44	Plastic and Maxillofacial Surgery III	140	201	
9:45–11:15	PS407	Anything New in Wound Healing?	104	Ballroom B	
9:45–11:15	PS410	Surgical Management of Obstructive Sleep Apnea	105	202A	

RESIDENTS / MEDICAL STUDENTS (RES/MED)

SUNDAY, OCTOBER 16					
11:30–3:00		Focus on RAS-ACS	30	146A	
11:30–6:00		Medical Student Program (Day I)	30	146BC	
3:00–5:30	PS002	Resident and Associate Society Symposium: Exploring the Limits of Surgeon Disclosure: Where are the Boundaries?	67	145	
MONDAY, OCTOBER 17					
10:00–6:00		Surgery Resident Program: Starting Surgical Practice: Essentials for Success	31	Salon C	
11:30–1:00	PS111	Cultivating the Next Generation of Surgeon-Scientists	70	202A	
1:00–6:00		Medical Student Program (Day II)	32	144	
2:30–4:00	PS119	New Initiates Program: Celebrating Diversity, Recognizing Opportunity and Moving Forward Together	73	152B	
2:30–4:00	PS120	New Models in Surgical Training	73	150	
4:15–5:45	PS125	The Gender Gap in Surgery	75	Ballroom B	
5:30–9:00		Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	32	RDH Renaissance Ballroom	
TUESDAY, OCTOBER 18					
8:00–11:15	PS207	Surgical Jeopardy	79	145	
12:45–5:00	PS223	Association of Program Directors in Surgery (APDS) Panels	85	150	
1:00–6:00		Medical Student Program (Day III)	33	144	
2:30–4:00	PS229	Principles of Leadership for the Young Surgeon	87	Ballroom C	
4:00–5:00		Young Fellows Association Speed Mentoring Program	34	MMH Marquis Salon 6	
4:15–5:45	PS237	Social Media and Surgical Education	89	202A	
4:15–5:45		Rural Surgeons Open Forum and Oweida Scholarship Presentation	34	206	
WEDNESDAY, OCTOBER 19					
7:00–7:45	TH08	Advocacy for the Young Surgeon	36	202B	
8:00–11:15	PS307	Spectacular Cases	92	150	
9:45–11:15	PS314	Professional Development of Surgical Trainees	94	144	
2:30–4:00	PS328	Strategies for the Resident and Surgeon Facing Burnout	99	202A	
2:30–4:00	PS329	The Successful Resident Educator: Tips on Teaching and Feedback	99	150	
4:15–5:45	PS337	Mythbusters: Deconstructing the Surgery Clerkship	101	150	
THURSDAY, OCTOBER 20					
7:00–7:45	TH15	Autonomy: The Secret Recipe for Surgical Education	38	206	
8:00–9:30	PS403	Milestones, Autonomy, and Supervision in Surgical Training	103	202B	

RURAL SURGERY (RUS)

SATURDAY, OCTOBER 15

8:00–5:30	SSC01	Advanced Skills Training for Rural Surgeons: Emergency Urology and Vascular Procedures	54	GWU	$

MONDAY, OCTOBER 17

9:45–11:15	PS102	Diverticulitis–Anything New in 2016?	68	Hall D	
9:45–11:15	PS106	Surgical Management of Upper Gastrointestinal Bleeding	69	Ballroom C	
9:45–11:15	PS107	Laparoscopy in Trauma and Acute Care Surgery	69	Ballroom B	
11:30–1:00	PS109	Challenging Emergency Surgery Cases: Lessons from the Experts	70	Hall D	
11:30–1:00	PS112	Hemostatic Resuscitation: Update 2016	71	Ballroom A	
1:00–5:15	SSC06	Interventional Ultrasound Applications for the General Surgeon	58	Salon I	$
1:00–5:15	SSC07	Advanced Colonoscopy: Polypectomy and Beyond	59	103B	$
2:30–4:00	PS121	Recurrent Inguinal Hernias	73	Hall D	
4:15–5:45	PS124	Colon Cancer: Advances in Screening and Care	75	Hall D	
4:15–5:45	PS129	Outpatient Management of Routine Pediatric Surgical Disease: Is It Safe and Feasible?	76	201	

TUESDAY, OCTOBER 18

8:00–9:30	PS200	A Night on Emergency General Surgery Call	77	Ballroom A	
8:00–9:30	PS201	Cholecystectomy: Choosing the Right Patient for Surgery	77	Hall D	
8:00–9:30	PS203	Novel Anticoagulants: Appropriate Uses and Issues in Reversal	78	Ballroom C	
8:00–9:30	PS205	The Role of Simulation in Training, Education, and Maintenance of Certification in Pediatric Surgery	79	152B	
9:45–11:15	PS209	Incisional Hernia: Prevention and Treatment	80	Hall D	
9:45–11:15	PS213	Unique Challenges of Surgical Care in Native American Communities	82	202B	
12:45–2:15	PS216	Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers	83	207B	
12:45–2:15	PS221	Who's on Call: Surgical Workforce Needs for the Next 25 Years	84	Ballroom B	
2:30–4:00	PS224	Acute Pancreatitis: What's New and What's Changing?	85	Hall D	
2:30–4:00	PS230	What Do I Need to Know about Abdominal Aortic Aneurysms?	87	149	
2:30–5:45	PS231	Ethics Colloquium: Burning Issues in Surgical Ethics	87	202B	
4:15–5:45		Rural Surgeons Open Forum and Oweida Scholarship Presentation	34	206	

WEDNESDAY, OCTOBER 19

7:00–7:45	TH11	Appendectomy vs. Antibiotics–The First American Randomized Trial	37	207B	
8:00–9:30	PS300	Cholecystectomy 2016: Achieving a Culture of Safety	90	Hall D	
9:45–11:15	PS308	Advanced Endoscopic Techniques	92	145	
9:45–11:15	PS311	Non-Bariatric Surgery in the Morbidly Obese	93	Ballroom A	
9:45–11:15	PS312	Trauma: Challenge the Experts–Case Discussion	94	Hall D	
12:45–2:15	PS316	Assessing Your Hospital's Financial Health: How Does it Affect Your Job Hunt?	95	145	
12:45–2:15	PS317	Coagulopathy: Old Problem/ New Solutions	95	Ballroom C	
2:30–4:00	PS323	Abdominal Wall Reconstruction: Past, Present, and Future	97	Ballroom A	
2:30–4:00	PS324	Appendicitis: Why Haven't We Figured Out Who to Operate On, What to Treat Nonoperatively, or Who to Drain Percutaneously?	98	Ballroom C	
2:30–4:00	PS326	Detection and Treatment of Vascular Emergencies	98	144	
4:15–5:45	PS334	Emergency Complications after Bariatric Surgery	101	Ballroom C	
4:15–5:45	PS338	Undescended Testis	102	201	

THURSDAY, OCTOBER 20

8:00–9:30	PS401	Ten Hot Topics in Ensuring Surgical Safety	102	102	
8:00–9:30	PS403	Milestones, Autonomy, and Supervision in Surgical Training	103	202B	
8:00–9:30	PS404	Mass Casualties and Preparing for Them in 2017	103	Ballroom B	
9:45–11:15	PS408	Minimally Invasive Inguinal Hernia Repair: Current Indications and Techniques	104	Ballroom A	

TRAUMA (TRA)

SATURDAY, OCTOBER 15

8:00–3:30	DEC01	Emergency General Surgery Review	44	151A	$

SUNDAY, OCTOBER 16

8:00–4:30	PS001	Maintenance of Competency for the Military Surgeon	67	MMH Marquis Salon 5	
8:00–3:30	DEC05	Update in Trauma Care	46	151A	$

MONDAY, OCTOBER 17

9:45–11:15	PS103	Friend or Foe? Understanding the Microbiome in the Surgical Patient	68	144	

9:45–11:15	PS106	Surgical Management of Upper Gastrointestinal Bleeding	69	Ballroom C	
9:45–11:15	PS107	Laparoscopy in Trauma and Acute Care Surgery	69	Ballroom B	
11:30–1:00	PS109	Challenging Emergency Surgery Cases: Lessons from the Experts	70	Hall D	
11:30–1:00	PS112	Hemostatic Resuscitation: Update 2016	71	Ballroom A	
11:30–1:00	PS113	Small and Large Bowel Obstruction: Current Management	71	Ballroom C	
1:00–2:30	SL01	Firearm Injury Prevention	41	Hall D	
1:00–5:15	DEC13	Wound Care: Mentoring the Mentors	51	151A	
1:15–2:15	ME102	Complex Abdominal Trauma	64	142	
2:30–4:00	PS116	Acute Surgical Emergencies in Patients with End-Stage Liver or Renal Disease or after Transplant	72	201	
2:30–4:00	PS132	Achieving Zero Preventable Deaths after Injury: The National Academies of Sciences, Engineering, and Medicine Report	74	Ballroom C	
4:15–5:45	PS127	Management of Acute Rib Fractures	76	Ballroom C	
TUESDAY, OCTOBER 18					
8:00–9:30	PS200	A Night on Emergency General Surgery Call	77	Ballroom A	
8:00–9:30	PS201	Cholecystectomy: Choosing the Right Patient for Surgery	77	Hall D	
8:00–9:30	PS202	Non-Obstetric Laparoscopy Surgery in Pregnancy	78	Ballroom B	
8:00–9:30	PS203	Novel Anticoagulants: Appropriate Uses and Issues in Reversal	78	Ballroom C	
8:00–9:30	PS204	The Multidisciplinary Care of the Neurotrauma Patient	78	207B	
8:00–11:15	SF14	Trauma I–Clinical Trauma	117	144	
9:00–4:30	SSC10	Endovascular Approaches to Hemorrhage Control and Resuscitation–Integrating BEST™ and ESTARS™	61	Salon I	
9:45–11:15	PS209	Incisional Hernia: Prevention and Treatment	80	Hall D	
9:45–11:15	PS211	Pediatric Pancreatic Trauma: To Operate or Not to Operate: That Is the Question	81	146A	
9:45–11:15	PS214	Venous Thromboembolic Disease: Contemporary Diagnosis and Therapy	82	150	
11:30–12:30	ME202	Advancing the Use of Ultrasound in Acute Care Surgery	78	158B	
11:30–12:30	ME208	Fixation of Rib Fractures	65	203B	
12:45–1:30	NL07	Scudder Oration on Trauma	40	Ballroom A	
12:45–2:15	PS221	Who's on Call: Surgical Workforce Needs for the Next 25 Years	84	Ballroom B	
2:30–4:00	PS224	Acute Pancreatitis: What's New and What's Changing?	85	Hall D	
2:30–4:00	PS226	Chest Wall Injuries: Innovative Approaches and Management	86	143BC	
2:30–5:45	SF29	Trauma II–Basic Science Trauma	129	151A	
4:15–5:45	PS234	Life-Threatening Perioperative Anesthetic Complications	88	Ballroom A	
4:15–5:45	PS235	Management of Complex Enterocutaneous Fistulas	89	Hall D	
WEDNESDAY, OCTOBER 19					
8:00–4:30	P	Critical Care/Trauma Posters		Hall B	
8:00–5:30	DEC17	Annual Update in Surgical Critical Care	53	151B	
8:00–9:30	PS300	Cholecystectomy 2016: Achieving a Culture of Safety	90	Hall D	
8:00–9:30	PS301	Compartment Syndrome: What Every Surgeon Should Know	90	Ballroom C	
8:00–9:30	PS306	What's New in Surgical Critical Care?	92	Ballroom A	
8:00–9:30	SF31	Trauma III–Geriatric Trauma	130	207B	
8:30–4:00	SSC11	Rib Plating	61	Salon I	
9:00–4:30	SSC12	Bedside Procedures in the Surgical Intensive Care Unit (SICU): What? Why? and How?	62	103B Salon GH	
9:45–11:15	PS312	Trauma: Challenge the Experts–Case Discussion	94	Hall D	
11:30–12:30	ME304	Genitourinary Trauma	66	159A	
12:45–2:15	PS317	Coagulopathy: Old Problem/ New Solutions	95	Ballroom C	
12:45–2:15	PS318	Colorectal Anastomotic Leaks: Prevention and Management	96	Ballroom A	
12:45–4:00	VE29	Surgical Cases in Trauma	160	207B	
2:30–4:00	PS323	Abdominal Wall Reconstruction: Past, Present, and Future	97	Ballroom A	
2:30–4:00	PS324	Appendicitis: Why Haven't We Figured Out Who to Operate On, What to Treat Nonoperatively, or Who to Drain Percutaneously?	98	Ballroom C	
4:15–5:45	PS331	A Night on Call in the Surgical Intensive Care Unit–Case Panel	100	Ballroom A	
4:15–5:45	PS334	Emergency Complications after Bariatric Surgery	101	Ballroom C	
THURSDAY, OCTOBER 20					
7:00–7:45	TH12	Trauma Systems: 2016 Controversies and Solutions	37	201	
8:00–9:30	PS404	Mass Casualties and Preparing for Them in 2017	103	Ballroom B	
8:00–9:30	PS405	Non-Traumatic Perforation of the Gastrointestinal Tract	104	145	
8:00–11:15	SF46	Critical Care Surgery	142	207A	
9:45–11:15	PS407	Anything New in Wound Healing?	104	Ballroom B	
9:45–11:15	PS412	Ten Hot Topics in Critical Care	106	150	

UROLOGY (URO)

SATURDAY, OCTOBER 15

8:00–5:30	SSC01	Advanced Skills Training for Rural Surgeons: Emergency Urology and Vascular Procedures	54	GWU	$

MONDAY, OCTOBER 17

8:00–9:30	NL01	Opening Ceremony/Martin Memorial Lecture Sponsored by the American Urological Association	39	Hall D	
11:30–1:00	PS110	Complications of Radical Pelvic Surgery	70	144	W
2:30–5:45	SF08	Urology I	113	143A	

TUESDAY, OCTOBER 18

9:45–11:15	PS215	Transgender Surgery: Management of the Transgender Patient	82	152B	W
12:45–2:15	SF17	Urology II	119	152B	
4:15–5:45	PS239	Workup and Management of a Functional Adrenal Mass	90	207A	W

WEDNESDAY, OCTOBER 19

9:45–11:15	VE24	Urological Surgery	158	143A	
11:30–12:30	ME304	Genitourinary Trauma	66	159A	$
4:15–5:45	PS338	Undescended Testis	102	201	W

VASCULAR SURGERY (VAS)

SATURDAY, OCTOBER 15

8:00–5:30	SSC01	Advanced Skills Training for Rural Surgeons: Emergency Urology and Vascular Procedures	54	GWU	$

MONDAY, OCTOBER 17

9:45–11:15	PS100	Contemporary Management of the Diabetic Foot	67	202A	W
11:30–1:00	PS108	3-D Printing in Cardiothoracic Surgery: Fad or Transformative?	70	202B	W
4:15–5:45	PS126	Getting to the Right Spot: The Role of the Access Surgeon in Spine Surgery	75	202B	W

TUESDAY, OCTOBER 18

9:00–4:30	SSC10	Endovascular Approaches to Hemorrhage Control and Resuscitation–Integrating BEST™ and ESTARS™	61	Salon I	$
9:45–11:15	PS214	Venous Thromboembolic Disease: Contemporary Diagnosis and Therapy	82	150	W
12:45–2:15	PS217	How to Introduce New Technology and Advanced Procedures into a Cardiothoracic Surgery Practice	83	102	W
12:45–4:00	SF22	Vascular Surgery I	124	152A	
2:30–4:00	PS227	Hemodialysis Access	86	140	W
2:30–4:00	PS230	What Do I Need to Know about Abdominal Aortic Aneurysms?	87	149	W
4:15–5:45	PS238	Thoracic Outlet Syndrome	90	145	W

WEDNESDAY, OCTOBER 19

8:00–4:30	P	Vascular Surgery Posters		Hall B	
8:00–9:30	PS301	Compartment Syndrome: What Every Surgeon Should Know	90	Ballroom C	W
9:45–11:15	VE25	Vascular Surgery	158	206	
12:45–2:15	PS317	Coagulopathy: Old Problem/ New Solutions	95	Ballroom C	W
2:30–4:00	PS326	Detection and Treatment of Vascular Emergencies	98	144	W
2:30–5:45	SF43	Vascular Surgery II	139	151A	

THURSDAY, OCTOBER 20

8:00–11:15	SF51	Vascular Surgery III	147	151A	

Credit to Address Regulatory Mandates

KEY TO SESSION/COURSE CODES

DEC Didactic/Experiential Course
ME Meet-the-Expert Luncheon
NL Named Lecture
P Poster Session
PS Panel Session
SF Scientific Forum
SI Special Interest Session
SL Special Sessions
SSC Surgical Skills Course
TH Town Hall Meeting
VE Video-Based Session

LOCATION ABBREVIATIONS

GWU George Washington University
MMH Marriott Marquis Hotel
RDH Renaissance Downtown Hotel
USUHS Uniformed Services University of the Health Sciences

($) indicates that additional fees and registration apply

(W) Webcast session (Webcast Package available for purchase)

Audio session (part of the Webcast Package)

CC Cultural Competency
E Ethics
EoL End-of-Life Care
PA Palliative Care
PM Pain Management
PtS Patient Safety
RM Risk Management
SA Self-Assessment
T Trauma

CULTURAL COMPETENCE/DIVERSITY (CC)

SATURDAY, OCTOBER 15

9:00–4:30	DEC04	Global Health Competencies for Surgeons: Cognitive and Systems Skills	103A	($)

SUNDAY, OCTOBER 16

8:00–5:15	SSC02	International Humanitarian Aid Surgery	USUHS	($)

MONDAY, OCTOBER 17

9:45–11:15	PS105	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2016 Volunteerism and Humanitarian Award Winners	102	
11:30–1:00	PS115	*The Lancet* Commission on Global Surgery: Evidence and Solutions for Achieving Health, Welfare, and Economic Development	145	(W)
4:15–5:45	PS130	Surgeons as Global Health Ambassadors: Implementing Sustainable Change Through Diverse and Collaborative Teams	207B	(W)

TUESDAY, OCTOBER 18

8:00–9:30	PS206	Understanding Diversity, Navigating Bias	202B	(W)
9:45–11:15	PS213	Unique Challenges of Surgical Care in Native American Communities	202B	(W)

WEDNESDAY, OCTOBER 19

12:45–2:15	PS319	The Enduring Impact of Three African-American Surgical Pioneers	206	(W)

ETHICS (E)

SATURDAY, OCTOBER 15

9:00–4:30	DEC04	Global Health Competencies for Surgeons: Cognitive and Systems Skills	103A	($)

SUNDAY, OCTOBER 16

8:00–5:15	SSC02	International Humanitarian Aid Surgery	USUHS	($)

MONDAY, OCTOBER 17

11:30–1:00	PS114	Universal Access to Surgery: The Good, The Bad, and the Ugly	Ballroom B	(W)

TUESDAY, OCTOBER 18

8:00–11:15	SF11	Ethics	102	
9:45–11:15	PS210	Introducing New Technologies in the Operating Room	Ballroom C	(W)
9:45–11:15	PS211	Pediatric Pancreatic Trauma: To Operate or Not to Operate: That Is the Question	146A	(W)
12:45–2:15	PS217	How to Introduce New Technology and Advanced Procedures Into a Cardiothoracic Surgery Practice	102	(W)
12:45–2:15	PS221	Who's on Call: Surgical Workforce Needs for the Next 25 Years	Ballroom B	(W)
2:30–4:00	PS228	Human Genomics and Personalized Medicine in Surgical Practice	202A	(W)
2:30–5:45	PS231	Ethics Colloquium: Burning Issues in Surgical Ethics	202B	(W)

WEDNESDAY, OCTOBER 19

8:30–4:00	DEC18	Innovation and Invention in Surgery	103A	($)
9:45–10:45	NL10	John J. Conley Ethics and Philosophy Lecture	201	

END-OF-LIFE CARE (EOL)

TUESDAY, OCTOBER 18

12:45–4:00	SF19	Geriatric Surgery and Palliative Care	146A	
4:15–5:45	PS236	Palliative Care in High-Risk (Elderly, Frail, and Cancer) Patients	Ballroom B	(W)

PALLIATIVE CARE (PA)

TUESDAY, OCTOBER 18

8:00–9:30	PS204	The Multidisciplinary Care of the Neurotrauma Patient	207B	(W)
12:45–4:00	SF19	Geriatric Surgery and Palliative Care	146A	
4:15–5:45	PS236	Palliative Care in High-Risk (Elderly, Frail, and Cancer) Patients	Ballroom B	(W)

PAIN MANAGEMENT (PM)

WEDNESDAY, OCTOBER 19

8:00–12:15	DEC16	Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties	151A	$

PATIENT SAFETY (PtS)

SATURDAY, OCTOBER 15

8:00–3:30	DEC01	Emergency General Surgery Review	151A	$

SUNDAY, OCTOBER 16

8:00–3:30	DEC05	Update in Trauma Care	151A	$
9:00–4:30	DEC08	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	103B	$

MONDAY, OCTOBER 17

8:00–9:30	NL01	Opening Ceremony/Martin Memorial Lecture Sponsored by the American Urological Association	Hall D	
10:00–5:30	SSC05	Endoscopic Bariatric Techniques: Skills and Strategies for Mastering Primary Endoluminal Procedures and Managing Complications	103A	$
11:30–1:00	PS109	Challenging Emergency Surgery Cases: Lessons from the Experts	Hall D	W
11:30–1:00	PS110	Complications of Radical Pelvic Surgery	144	W
11:30–1:00	VE03	Subject-Oriented Symposium I: Novel Interventions in Bariatric Surgery	206	
1:15–2:15	ME113	The Difficult Gallbladder: Tricks of the Trade	155	$
2:30–4:00	PS122	Rectal Cancer Commission on Cancer Accreditation Panel 2016	202B	W
2:30–4:00	SF05	Quality, Safety, and Outcomes I	152A	
2:30–5:45	VE07	Challenging and Unusual Problems in Surgery	207A	

TUESDAY, OCTOBER 18

8:00–9:30	PS200	A Night on Emergency General Surgery Call	Ballroom A	W
8:00–9:30	PS205	The Role of Simulation in Training, Education, and Maintenance of Certification in Pediatric Surgery	152B	W
8:00–11:15	SF12	Quality, Safety, and Outcomes II	143BC	
9:00–4:30	SSC10	Endovascular Approaches to Hemorrhage Control and Resuscitation–Integrating BEST™ and ESTARS™	Salon I	$
9:45–11:15	PS210	Introducing New Technologies in the Operating Room	Ballroom C	W
11:30–12:30	ME212	Mesh for Hernia Repair: The Good, the Bad, and the Ugly	153	$
11:30–12:30	ME201	Abdominal Compartment Syndrome	158A	$
11:30–12:30	ME204	Nonoperative Management of Appendicitis	141	$
12:45–2:15	PS217	How to Introduce New Technology and Advanced Procedures Into a Cardiothoracic Surgery Practice	102	W
12:45–2:15	PS219	To Prep or Not to Prep: Understanding the Data on Bowel Preparation for Elective Colon Resection	Hall D	W
12:45–2:15	PS222	Update on Tracheotomy: Techniques, Pitfalls, Complications, and Safe Care at Home	202B	W
2:30–5:45	SF28	Quality, Safety, and Outcomes III	102	
4:15–5:45	PS234	Life-Threatening Perioperative Anesthetic Complications	Ballroom A	W
4:15–5:45	PS235	Management of Complex Enterocutaneous Fistulas	Hall D	W

WEDNESDAY, OCTOBER 19

8:00–9:30	PS300	Cholecystectomy 2016: Achieving a Culture of Safety	Hall D	W
9:00–4:30	SSC12	Bedside Procedures in the Surgical Intensive Care Unit (SICU): What? Why? and How?	103B Salon GH	$
9:45–11:15	PS311	Non-Bariatric Surgery in the Morbidly Obese	Ballroom A	W
9:45–11:15	VE23	Subject-Oriented Symposium III: Management of Complications in Gastrointestinal Surgery	207A	
11:30–12:30	ME311	Perioperative Airway Management of the Obese Patient	208A	$
12:45–1:45	NL11	Commission on Cancer Oncology Lecture	Ballroom B	
12:45–2:15	PS318	Colorectal Anastomotic Leaks: Prevention and Management	Ballroom A	W
12:45–2:15	PS322	Utility of Pediatric NSQIP: How Does It Help Me?	202A	W
2:30–4:00	PS327	Models for Successfully Integrating New Interprofessional Team Members	152A	W
2:30–4:00	PS330	The Value of Patient-Reported Outcome Measures for Surgeons and Their Patients	102	W
2:30–5:45	SF42	Quality, Safety, and Outcomes IV	143A	
4:15–5:45	PS332	Avoiding Disaster in Thyroid Surgery: Key Surgical Maneuvers	Ballroom B	W

THURSDAY, OCTOBER 20

8:00–9:30	PS400	Ten Hot Topics in General Surgery	Ballroom A	W
8:00–9:30	PS401	Ten Hot Topics in Ensuring Surgical Safety	102	W
8:00–9:30	PS403	Milestones, Autonomy, and Supervision in Surgical Training	202B	W
8:00–9:30	PS406	Robotic Gastrointestinal Surgery: Help or Hype?	202A	$
8:00–11:15	SF48	Quality, Safety, and Outcomes V	140	
9:45–11:15	PS410	Surgical Management of Obstructive Sleep Apnea	202A	W
9:45–11:15	PS412	Ten Hot Topics in Critical Care	150	W

RISK MANAGEMENT (RM)

SATURDAY, OCTOBER 15

8:30–4:00	DEC02	Atypical Breast Lesions: Defining and Managing this High-Risk Population	151B	$

SUNDAY, OCTOBER 16

9:00–4:30	DEC08	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	103B	$

WEDNESDAY, OCTOBER 19				
2:30–4:00	PS324	Appendicitis: Why Haven't We Figured Out Who to Operate On, What to Treat Nonoperatively, or Who to Drain Percutaneously?	Ballroom C	

TRAUMA (T)				
SATURDAY, OCTOBER 15				
8:00–5:30	SSC01	Advanced Skills Training for Rural Surgeons: Emergency Urology and Vascular Procedures	GWU	$
8:00–3:30	DEC01	Emergency General Surgery Review	151A	$
SUNDAY, OCTOBER 16				
8:00–4:30	PS001	Maintenance of Competency for the Military Surgeon	MMH Marquis Salon 5	
8:00–3:30	DEC05	Update in Trauma Care	151A	$
MONDAY, OCTOBER 17				
9:45–11:15	PS107	Laparoscopy in Trauma and Acute Care Surgery	Ballroom B	
11:30–1:00	PS109	Challenging Emergency Surgery Cases: Lessons from the Experts	Hall D	
11:30–1:00	PS112	Hemostatic Resuscitation: Update 2016	Ballroom A	
1:15–2:15	ME102	Complex Abdominal Trauma	142	$
1:15–2:15	ME103	Critical Issues in Laparoscopic Ventral Hernia Repair	153	$
4:15–5:45	PS127	Management of Acute Rib Fractures	Ballroom C	
TUESDAY, OCTOBER 18				
8:00–9:30	PS200	A Night on Emergency General Surgery Call	Ballroom A	
8:00–9:30	PS203	Novel Anticoagulants: Appropriate Uses and Issues in Reversal	Ballroom C	
8:00–9:30	PS204	The Multidisciplinary Care of the Neurotrauma Patient	207B	
8:00–11:15	SF14	Trauma I–Clinical Trauma	144	
9:00–4:30	SSC10	Endovascular Approaches to Hemorrhage Control and Resuscitation–Integrating BEST™ and ESTARS™	Salon I	$
9:45–10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture	201	
9:45–11:15	PS211	Pediatric Pancreatic Trauma: To Operate or Not to Operate: That Is the Question	146A	
9:45–11:15	PS214	Venous Thromboembolic Disease: Contemporary Diagnosis and Therapy	150	
11:30–12:30	ME201	Abdominal Compartment Syndrome	158A	$
11:30–12:30	ME208	Fixation of Rib Fractures	203B	$
12:45–1:30	NL07	Scudder Oration on Trauma	Ballroom A	
2:30–4:00	PS226	Chest Wall Injuries: Innovative Approaches and Management	143BC	
2:30–5:45	SF29	Trauma II-Basic Science Trauma	151A	

WEDNESDAY, OCTOBER 19				
8:00–9:30	PS301	Compartment Syndrome: What Every Surgeon Should Know	Ballroom C	
8:00–9:30	SF31	Trauma III–Geriatric Trauma	207B	
8:30–4:00	SSC11	Rib Plating	Salon I	$
9:45–11:15	PS312	Trauma: Challenge the Experts–Case Discussion	Hall D	
11:30–12:30	ME304	Genitourinary Trauma	159A	$
12:45–2:15	PS317	Coagulopathy: Old Problem/New Solutions	Ballroom C	
12:45–2:15	PS321	Readiness, Currency, and Competency for Military Surgeons: A presentation by the Military Health System Strategic Partnership ACS	150	
12:45–4:00	VE29	Surgical Cases in Trauma	207B	
2:30–4:00	PS326	Detection and Treatment of Vascular Emergencies	144	
4:15–5:45	PS331	A Night on Call in the Surgical Intensive Care Unit-Case Panel	Ballroom A	
THURSDAY, OCTOBER 20				
8:00–9:30	PS404	Mass Casualties and Preparing for Them in 2017	Ballroom B	
8:00–11:15	SF46	Critical Care Surgery	207A	

Sessions of Special Interest

CME credit is not available for these sessions.

Sunday, October 16

Medical Student Program Day I
11:30 am-6:00 pm

LOCATION: Walter E. Washington Convention Center, 146BC

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to American College of Surgeons (ACS) Medical Student members who register in advance. Nonmembers will be charged a nominal registration fee.

Topics include exploring various lifestyle issues in surgery, decision making on the path to residency, and navigating the residency application process and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students are able to practice some basic surgical skills and hone their interviewing technique in interactive sessions with surgeons, as well as network with specialty surgeons, surgical residents, residency program directors, and others.

Special features of Sunday's program include an informal discussion titled Life as a Surgeon: Living YOUR Dream followed by a presentation by John Tarpley, MD, FACS, titled Global Surgery Rotations for Medical Students: Getting to Win-Win. Later in the day, a roundtable reception with representatives from different surgical specialties and various practice settings will take place and residency program administrators will be on hand to answer "nuts and bolts" types of questions for aspiring residents.

Also incorporated in this program is the Medical Student Program Poster Session, during which 48 medical students will present their research in one of three categories: clinical research; outcomes, innovation, or educational research; or basic science research. There will be a first- and second-place award in all categories. Resident and surgeon volunteers will critique these presentations and winners will be formally recognized during Tuesday's program.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school are invited to attend this comprehensive program. For additional information, contact the Division of Education Office at the Marriott Marquis, or the Division of Education Booth at the ACS Resource Center in the Walter E. Washington Convention Center. You may also visit our website at: *facs.org/clincon2016/special/medical-student*.

SPEAKER: John L. Tarpley, MD, FACS, *Nashville, TN*

Sponsored by: Committee on Medical Student Education

Focus on RAS-ACS
11:30 am-3:00 pm

LOCATION: Walter E. Washington Convention Center, 146A

The Resident and Associate Society of the American College of Surgeons (RAS-ACS) is devoted to the needs and concerns of trainees and young surgeons in all disciplines. The Focus on RAS session is a dynamic program tailored to Residents and Associate Fellows. Informational discussions about RAS-ACS and descriptions of opportunities for involvement will take place, and inspirational content on the topic of leadership will be provided by outgoing ACS President J. David Richardson, MD, FACS, and RAS-ACS Chair Maya A. Babu, MD, MBA. Please join us in this exciting session to learn more about your organization and how you can become a surgical leader.

The Convocation
6:00-8:00 pm

LOCATION: Walter E. Washington Convention Center, Hall D, Level 2

PRESIDENT PRESIDING: J. David Richardson, MD, FACS, *Louisville, KY*

The Convocation ceremony confers Fellowship upon those surgeons who have successfully met the American College of Surgeons (ACS) requirements to provide optimal care to the surgical patient. The ceremony also includes the following: recognition of new Honorary Fellows; presentations of the Distinguished Service Award, the Scientific Forum Award, and the American College of Surgeons Women in Surgery Committee Mary Edwards Walker Inspiring Women in Surgery Award; installation of the ACS Officers; and the Presidential Address.

The first Convocation ceremony took place on November 13, 1913, at the Congress Hotel in Chicago, IL. The inaugural class of 1,059 surgeons hailed from the U.S. and Canada and included six women surgeons. The 2016 class includes Initiates from each of the 50 states, the District of Columbia, Guam, and Puerto Rico, along with 69 countries.

Procession of Initiates

Procession of Officers, Regents, Governors, and Guests

Invocation
Reverend Patrick J. Conroy
Chaplain, U.S. House of Representatives

Presentation of Initiates by Chair, Board of Regents
Valerie W. Rusch, MD, FACS, *New York, NY*

Fellowship Pledge by the Secretary of the College
Edward E. Cornwell III, MD, FACS, FCCM, *Washington, DC*

Conferral of Fellowship by the President of the College

Response on Behalf of New Fellows by Chair, Resident and Associate Society
Maya A. Babu, MD, MBA, *Rochester, MN*

Presentation of the Distinguished Service Award by the President of the College
Recipient: Frank G. Opelka, MD, FACS, *Washington, DC*

Recognition of the 25- and 50-year Initiate classes by the President of the College

Granting of Honorary Fellowships:
Hernando Abaúnza, MD, FACS, MACC(Hon), *Bogota, Colombia*
Presented by: Marco G. Patti, MD, FACS, *Chicago, IL*
Jacques Belghiti, MD, PhD, *Paris, France*
Presented by: Leslie H. Blumgart, MD, FACS, *New York, NY*
S. Adibul Hasan Rizvi, MB, BS, FRCSEng, FRCSEd, *Karachi, Pakistan*
Presented by: Mehmet A. Haberal, MD, FACS(Hon), *Ankara, Turkey*
Sachiyo Suita, MD, PhD, *Fukuoka, Japan*
Presented by: Arnold G. Coran, MD, FACS, *Ann Arbor, MI*
John F. Thompson, AO, MD, FACS, FRACS, FAHMS, *Sydney, Australia*
Presented by: Jeffrey E. Gershenwald, MD, FACS, *Houston, TX*

Presentation of the Scientific Forum Award by the President of the College
Recipient: Ori D. Rotstein, MD, FACS, *Toronto, ON*

Presentation of the American College of Surgeons Women in Surgery Committee Mary Edwards Walker Inspiring Women in Surgery Award by the President of the College
Recipient: Mary E. Maniscalco-Theberge, MD, FACS, *Reston, VA*

Installation of Officers, 2016–2017
As First Vice-President
Hilary A. Sanfey, MB, Bch, FACS, *Springfield, IL*
As Second Vice-President
Mary C. McCarthy, MD, FACS, *Dayton, OH*
As President
Courtney M. Townsend, Jr., MD, FACS, *Galveston, TX*

Presidential Address

Recession

Monday, October 17

The Opening Ceremony
8:00-9:00 am

LOCATION: Walter E. Washington Convention Center, Hall D, Level 2

PRESIDENT PRESIDING: Courtney M. Townsend, Jr., MD, FACS, *Galveston, TX*

The Colors and Canadian and American national anthems are presented, along with a short video highlighting the new President's theme for the year.

The President introduces the College Officers and Regents, Honorary Fellows, Past-Presidents, Recipient of the Distinguished Philanthropist Award, Special Invited Guests from national and international health care organizations, ACS Scholarship Recipients, and the International Guest Scholars. An annual overview of the College will be reported by David B. Hoyt, MD, FACS, ACS Executive Director. The Martin Memorial Lecture, sponsored by the American Urological Association, immediately follows the Opening Ceremony.

Martin Memorial Lecture sponsored by the American Urological Association (NL01): Doctors in Distress: The Burnout Crisis
9:00-9:30 am

LOCATION: Walter E. Washington Convention Center, Hall D, Level 2

INTRODUCER: American Urological Association (AUA) President, Richard K. Babayan, MD, FACS, *Boston, MA*

LECTURER: Delos M. Cosgrove III, MD, FACS, *Cleveland, OH*

The Martin Memorial Lecture and the American Urological Association (AUA) Lecture have been combined for presentation during the Opening Ceremony of the Clinical Congress. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College, and his wife, Isabelle Hollister Martin. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery.

Surgery Resident Program: Starting Surgical Practice: Essentials for Success
10:00 am-6:00 pm

LOCATION: Walter E. Washington Convention Center, Salon C

The Division of Education invites surgery residents from all postgraduate year levels to participate in a special program designed to assist surgical residents with essential nonclinical issues they face during residency and fellowship training and with the transitional period to their post-training career. The program is free to ACS Resident members who register in advance. Nonmembers will be charged a reduced registration fee.

Featured topics will include personal financial planning and debt management, job-seeking strategies, contracts and negotiation skills, and reduction of liability risks. Additionally, interactive sessions will be offered in which residents may explore different types of practice settings and other topics. Speakers will include not only leaders from surgery, but also a certified financial planner and an expert in physician career development.

Opening Remarks
Leigh A. Neumayer, MD, MS, FACS, *Tucson, AZ*, Course Director
Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*, Director, Division of Education
Rebecca M. Minter, MD, FACS, *Dallas, TX*, Chair, Committee on Resident Education

Physician Jobs and Contracts: Selecting and Negotiating for Your Best Career Move and Peace of Mind
Roger G. Bonds, MBA, FMSD, CMSR, *Atlanta, GA*

Accumulating, Protecting, and Preserving: Building Your Financial Future
Ronald J. Paprocki, JD, CFP, CHBC, *Chicago, IL*

Starting Your Own Practice: It Can Be Done!
Brian J. Santin, MD, FACS, *Atlanta, GA*

Message from ACS Leadership
Courtney M. Townsend, Jr., MD, FACS, ACS President, *Galveston, TX*

Understanding and Reducing Risk in Your Surgical Practice
David M. Mahvi, MD, FACS, *Chicago, IL*

30 Years of Surgical Practice—Lessons Learned Along the Way
James K. Elsey, MD, FACS, *Atlanta, GA*

Roundtable Discussions (Various Topics)

For additional information, contact the Division of Education Office at the Marriott Marquis or the Division of Education Booth at the ACS Resource Center located in the Walter E. Washington Convention Center.

Medical Student Program—Day II
1:00-6:00 pm

LOCATION: Walter E. Washington Convention Center, 144

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student members who register in advance. Nonmembers will be charged a nominal registration fee.

Topics include the following: exploring various lifestyle issues in surgery, decision making on the path to residency, and navigating the residency application process and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students will be able to practice basic surgical skills and hone their interviewing skills in interactive sessions with surgeons as well as network with specialty surgeons, surgical residents, residency program directors, and others.

Special features of Monday's program include a surgical history presentation by John Cameron, MD, FACS, followed by comments from ACS President Courtney M. Townsend, Jr., MD, FACS. Also featured is a resident panel discussing decision making on the path to residency and beyond, and roundtable sessions for students to learn and practice basic surgical skills, discuss elements of an effective personal statement, and learn more about the residency applicant process.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school are invited to attend this comprehensive program. For additional information, contact the Division of Education Office at the Marriott Marquis, or the Division of Education Booth at the ACS Resource Center at Walter E. Washington Convention Center. You may also visit our website at *facs.org/clincon2016/special/medical-student*.

SPEAKERS:
John L. Cameron, MD, FACS, *Baltimore, MD*
Courtney M. Townsend, Jr., MD, FACS, *Galveston, TX*

Sponsored by the Committee on Medical Student Education

Young Fellows Association (YFA) Program
4:00-5:45 pm

LOCATION: 204BC

The Young Fellows Association (YFA) welcomes the new Initiates and Fellows who are 45 years old or younger, or those "young at heart," to the Annual YFA Program. The YFA Program includes an overview of the association's activities by the current Chair and Vice-Chair, Jacob Moalem, MD, FACS, and Joshua Broghammer, MD, FACS, respectively; a roundtable discussion; and updates by the YFA workgroups. The program ends with a networking reception that provides the opportunity for new Initiates and Young Fellows to interact with ACS President Courtney M. Townsend, Jr., MD, FACS, and YFA leadership.

Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students
5:30-9:00 pm

LOCATION: Renaissance Downtown Hotel, Renaissance Ballroom

COURSE DIRECTORS:
James I. Fann, MD, FACS, Stanford University Medical Center, *Stanford, CA*
Thomas E. MacGillivray, MD, FACS, Massachusetts General Hospital, *Boston, MA*
Daniel L. Miller, MD, FACS, WellStar Health System/Mayo Clinic Care Network, *Marietta, GA*

This course will introduce surgery residents and medical students to conventional and complex procedures performed by cardiothoracic surgeons today and provide information about upcoming new technologies and the six-year integrated cardiothoracic training program.

The primary focus of the session will be hands-on experience with specific cardiothoracic surgical procedures. Participants will experience and have the opportunity to perform these surgical procedures using synthetic and tissue-based simulation models. The program will be taught by cardiothoracic surgeons who are leaders in their respective fields of cardiac and general thoracic surgery. (A buffet dinner will be served at 5:30 pm.)

Welcome and Introductions
Thomas E. MacGillivray, MD, FACS, *Boston, MA* and James I. Fann, MD, FACS, *Stanford, CA*

Projected Needs of CT Surgery
Walter H. Merrill, MD, FACS, *Jackson, MS*

Update of the Six-Year Integrated CT Surgery Programs
Richard H. Feins, MD, FACS, *Chapel Hill, NC*

Thoracic Surgery Training in the New Millennium
M. Blair Marshall, MD, FACS, *Washington, DC*

Wet Lab Orientation and Station Assignments

Rotating Hands-On Stations

Cardiac Stations

Aortic Valve Replacement
Thomas E. MacGillivray, MD, FACS, Massachusetts General Hospital, *Boston, MA*

Vessel Suturing
James I. Fann, MD, FACS, Stanford University, *Stanford, CA*

Mitral Valve Repair
Walter H. Merrill, MD, FACS, University of Mississippi, *Jackson, MS*

Off-Pump Coronary Artery Bypass (OPCAB)
John V. Conte, MD, Johns Hopkins University, *Baltimore, MD*

Thoracic Stations

Video-Assisted Thoracic Surgery (VATS) Lobectomy
M. Blair Marshall, MD, FACS, Georgetown University, *Washington, DC*
Linda Martin, MD, University of Virginia, *Charlottesville, VA*

Esophageal Anastomosis Surgery
Daniel L. Miller, MD, FACS, WellStar Health System/Mayo Clinic Care Network, *Marietta, GA*
Thomas J. Watson, MD, Washington Hospital Center, *Washington, DC*

Chest Wall Reconstruction/Rib Fixation
Stephen C. Yang, MD, FACS, The John Hopkins School of Medicine, *Baltimore, MD*
Sandeep J. Khandhar, MD, FACS, Inova, *Fairfax, VA*

Co-sponsored by the American College of Surgeons and the Society of Thoracic Surgeons

Tuesday, October 18

ACS Surgical History Group Breakfast
7:00-8:00 am

LOCATION: Walter E. Washington Convention Center, 204BC

Join your colleagues who share an interest in surgical history at the ACS Surgical History Group Breakfast. This year's guest lecturer will be John A. Weigelt, MD, DVM, FACS, who will speak on the History of the *Surgical Education and Self-Assessment Program (SESAP®).* This breakfast provides an opportunity for attendees to share stories and discuss where surgery has been and how best to preserve it in the future.

2016 Owen H. Wangensteen Scientific Forum Dedication/Excellence in Research Awards
8:00-9:00 am

LOCATION: Walter E. Washington Convention Center, 143A

The Owen H. Wangensteen Scientific Forum Committee will dedicate the abstract supplement to Ori D. Rotstein, MD, FACS, Toronto, ON. John C. Marshall, MD, FACS, will provide introductory remarks with comments by Dr. Rotstein immediately following. After the dedication, Mary T. Hawn, MD, FACS, Scientific Forum Committee Chair, will distribute awards for excellence in research. Surgery residents and their mentors are invited to attend the dedication and awards distribution.

Owen H. Wangensteen Scientific Forum Posters of Exceptional Merit
11:30 am-12:30 pm

LOCATION: Hall B

More than 250 posters will be on display at the Clinical Congress, but only a select few will be designated Posters of Exceptional Merit. Scientific Forum Committee Chair, Mary T. Hawn, MD, FACS, will facilitate a lunchtime tour and discussion of the Posters of Exceptional Merit. Authors will present their distinguished work and answer questions before the award presentation for the Best Scientific Poster and Best International Scientific Poster.

Sponsored by the Owen H. Wangensteen Scientific Forum Committee

RAS-Focused Committee Integration Session
12:00-4:00 pm

LOCATION: Walter E. Washington Convention Center, 209B

If you are interested in getting more involved in RAS-ACS, please attend this session. Each of the four standing RAS committees will meet for one hour during the session to present their plans for the year and hold elections for leadership positions.

RAS Standing Committees
- Advocacy and Issues
- Communications
- Education
- Membership

Medical Student Program—Day III
1:00-6:00 pm

LOCATION: Walter E. Washington Convention Center, 144

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program specially designed for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student members who register in advance. Nonmembers will be charged a nominal registration fee.

Topics include exploring various lifestyle issues in surgery, decision making in the path to residency, and navigating the residency application process and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students will have the opportunity to network with specialty surgeons, surgical residents, residency program directors, and others.

Tuesday's program will include a presentation by the Chair of the ACS Board of Regents, Valerie W. Rusch, MD, FACS, titled Surgery: The Specialty of Protean Opportunities. This will be followed by a presentation by Ajit K. Sachdeva, MD, FACS, FRCSC, Director of the ACS Division of Education, titled Transition from Medical School to Surgery Residency Training: Challenges and Opportunities. Students will learn the critical elements of the residency interview from an in-depth panel discussion, and will then practice their interviewing skills during an interactive session with surgeons. They will then have the opportunity to informally network with residency program directors.

Students enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school are invited to attend this comprehensive program. For additional

information, contact the Division of Education Office at the Marriott Marquis, or the Division of Education Booth at the ACS Resource Center in the Walter E. Washington Convention Center. You may also visit our website at *facs.org/clincon2016/special/medical-student*.

SPEAKERS:
Valerie W. Rusch, MD, FACS, *New York, NY*
Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

Sponsored by the Committee on Medical Student Education

Chapter Speed Networking
3:00-5:00 pm

LOCATION: Marriott Marquis Hotel, Marquis Salons 1–4

The ACS Board of Governors Chapter Activities Domestic and International Workgroups will host a fun, fast-paced learning and social event where you can learn best practices of ACS chapters from around the world.

The event includes an opportunity to learn from chapter leaders through concise table talks on topics such as membership recruitment, engagement of young surgeons, advocacy, and chapter business practices. The inclusion of short networking breaks provides an additional forum for ongoing conversations and collaboration.

Sponsored by the Governors Chapter Activities Domestic and International Workgroups

Young Fellows Association Speed Mentoring Program
4:00-5:00 pm

LOCATION: Marriott Marquis Hotel, Marquis Salon 6

The Young Fellows Association (YFA) invites Resident and Associate Fellow members of the College to engage as mentees at the second annual YFA Speed Mentoring Program. Each of the 100 young surgeon mentors are expected to meet with up to six mentees during a quickly paced hour-long mentor event to discuss focused topics identified by the mentee.

Sponsored by the Young Fellows Association, the Women in Surgery Committee, and the Resident and Associate Society

Rural Surgeons Open Forum and Oweida Scholarship Presentation
4:15-5:45 pm

LOCATION: 206

The session opens with the introduction of the 2016 Nizar N. Oweida Scholarship recipient, Chayanin Musikasinthorn, MD, MPH, FACS, a general surgeon practicing in Gallup, NM.

The Advisory Council for Rural Surgery (ACRS) sponsors this open forum to facilitate direct communication with rural surgeons and the ACRS. Following a brief description of the current projects of the ACRS, an open forum with all in attendance will take place. This forum will focus on recruitment efforts, call relief strategies, and how to get the resources you need to provide optimal care to your patients. The ACRS encourages you to bring your concerns to the forum. The ACRS is committed to being your vehicle to make change, to be your voice to ACS leadership, and to make the ACS even more relevant to your practice. We are committed to helping you provide optimal surgical care to your patients in your community.

Sponsored by the Advisory Council for Rural Surgery

Wednesday, October 19

Annual Business Meeting of Members
4:15-5:15 pm

LOCATION: Walter E. Washington Convention Center, Room 145, Level 1

PRESIDENT PRESIDING: Courtney M. Townsend, Jr., MD, FACS, *Galveston, TX*

Report of the Chair of the Board of Regents
Valerie W. Rusch, MD, FACS, *New York, NY*

Report of the Chair of the Board of Governors
Fabrizio Michelassi, MD, FACS, *New York, NY*

Report of the Executive Director of the College
David B. Hoyt, MD, FACS, *Chicago, IL*

Report of the Chair of the Board of Directors of the ACS Foundation
Amilu Stewart, MD, FACS, *Colorado Springs, CO*

Report of the Chair of the Board of Directors of the ACSPA-*SurgeonsPAC*
Michael J. Sutherland, MD, FACS, *Little Rock, AR*

Presentation of the Resident Award for Exemplary Teaching
The President

Presentation of the Jameson L. Chassin Award for Professionalism in General Surgery
The President

Presentation of the Joan L. and Julius H. Jacobson II Promising Investigator Award
The President
Recipient: Ankit Bharat, MB, BS, FACS, *Chicago, IL*

Report of the Chair of the Nominating Committee of the Board of Governors; Announcement of Election of Regents; and the Election of Officers of the Board of Governors
Gregory S. Cherr, MD, FACS, *Buffalo, NY*

Report of the Chair of the Nominating Committee of the Fellows; Nomination and Election of Governors and Officers of the American College of Surgeons
Janet E. (Betsy) Tuttle-Newhall, MD, FACS, *Greenville, NC*

New business

Adjournment

Town Hall Meetings

Town Hall Meetings serve as a forum to provide informal discussion about issues relevant to the Fellows of the American College of Surgeons (ACS) as well as to address specific topics and areas of concern identified by the Advisory Councils and governing committees of the ACS. To maintain the informal atmosphere, audio/visual is not provided and no formal presentations are made. These meetings are scheduled from 7:00 to 7:45 am, Tuesday through Thursday of the Clinical Congress. Attendance is included at no extra charge with a paid meeting registration. (Continuing medical education credit hours are not offered.)

Tuesday, October 18

7:00-7:45 am

TH01 | Merit-Based Incentive Payment System (MIPS): Alternate Payment Plan

LOCATION: 201

TRACK: HP
MODERATOR: James C. Denneny, MD, FACS, *Columbia, MO*
MODERATOR: Frank G. Opelka, MD, FACS, *Washington, DC*

An update for Fellows on alternate payment plans that may supecede the current E&M/CPT payment for service models as mandated in the repeal of the SGR. Representatives of the ACS Board of Governors' Quality Pillar will participate.

Sponsored by the Advisory Council for Otolaryngolgy – Head and Neck Surgery

TH02 | Onboarding for Surgeons: Preparation for Practice Life

LOCATION: 202A

TRACK: GEN
MODERATOR: Michael A. Goldfarb, MD, FACS, *Long Branch, NJ*
PANELISTS:
Mika N. Sinanan, MD, PhD, FACS, *Seattle, WA*
Kimberly A. Davis, MD, MBA, FACS, FCCM, *New Haven, CT*
Thomas W. Stamp, MD, FACS, *Colorado Springs, CO*
Jacob Moalem, MD, FACS, *Rochester, NY*

Numerous issues need to be addressed when bringing a new surgeon into practice, both on the part of the new surgeon and the hiring surgeon, group, or hospital. A comprehensive discussion of issues ranging from scope of surgical cases to preference cards to maternity/paternity leave is necessary for the surgeon entering practice. The hiring surgeon needs an action list covering evaluation of skill set and competence, development of metrics for evaluation after entry into practice, and integration of the new surgeon into the practice. This surgeon-led discussion will cover the broad range of factors needed to successfully onboard a new surgeon.

Sponsored by the Board of Governors Surgical Care Delivery Workgroup

TH03 | 30-Day Mortality Outcomes and Surgical Palliative Care: Can They Co-Exist?

LOCATION: 202B

TRACKS: GER, ETH
MODERATOR: Erika R. Ketteler, MD, FACS, *Albuquerque, NM*
CO-MODERATOR: Anne C. Mosenthal, MD, FACS, *Newark, NJ*

This expert panel discussion will provide a background on the 30-day mortality outcomes measure and offer perspectives on how initiating surgical palliative care in the current atmosphere of outcomes and performance measurement can be both positive and negative. An active question-and-answer session will allow audience members to offer their perspectives and to ask the expert panelists questions.

Sponsored by the Committee on Surgical Palliative Care

TH04 | Accruals to Oncology Clinical Trials

LOCATION: 207B

TRACK: ONC
MODERATOR: Monica M. Bertagnolli, MD, FACS, *Boston, MA*
PANELISTS:
Gary W. Unzeitig, MD, FACS, *Laredo, TX*
James W. Fleshman, Jr., MD, FACS, *Dallas, TX*

Accruals to oncology clinical trials are down nationally. This Town Hall will explore barriers to accruals, especially for rural and community-based surgeons, and will discuss practical ways to address them. Principal investigators from high-accruing community institutions will discuss their strategies for improving accruals. Attendees will have the opportunity to describe issues in their practice or institution that impede clinical trial accrual and obtain feedback and ideas from fellow attendees.

Sponsored by the ACS Clinical Research Program Education Committee

TH05 | An Update on the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP)

LOCATION: 207A

TRACKS: EDU, GEN
MODERATOR: John M. Morton, MD, MPH, FACS, FASMBS, *Stanford, CA*
CO-MODERATOR: Teresa Fraker, MS, RN, *Chicago, IL*

PANELISTS:
Matthew M. Hutter, MD, MPH, FACS, *Boston, MA*
Stacy A. Brethauer, MD, FACS, *Cleveland, OH*
David A. Provost, MD, FACS, *Denton, TX*

The Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP), a unified program of the American College of Surgeons (ACS) and the American Society of Metabolic and Bariatric Surgery (ASMBS) will be reviewed to include requirements of participation, verification elements of the program, data registry expectations, and the status of the new joint standards and volume thresholds. Benefits of participating in MBSAQIP include a process for quality improvement, and the ability to track outcomes with the bariatric-specific longitudinal outcomes database. The Decreasing Readmissions through Opportunities Provided (DROP) project, the national collaborative for MBSAQIP, will also be reviewed. Upon conclusion, there will be an opportunity for a question-and-answer session hosted by the members of the program's oversight group, the Committee for Metabolic and Bariatric Surgery.

Sponsored by the Division of Research and Optimal Patient Care

TH19 | Use and Abuse of Opioids in the Surgical Practice

LOCATION: 206

TRACK: GEN
MODERATOR: Bridget N. Fahy, MD, FACS, *Albuquerque, NM*
CO-MODERATOR: Timothy R. Siegel, MD, FACS, *Arlington, VA*

Unintentional death from opioid overdose is increasingly common. More than 165,000 people died from opioid overdoses from 1999 to 2014. As a result, there is increasing scrutiny of opioid prescriptions by physicians. Knowledge and skill in pain management are core competencies for all surgeons because adequate pain control is central to good patient care. However, there is increasing tension between the need to balance adequate pain control while guarding against inappropriate opioid use and abuse. The purpose of this Town Hall discussion is to provide a venue for surgeons to discuss current challenges and approaches for adequate pain control while ensuring they are in compliance with current prescribing regulations.

Sponsored by the Committee on Surgical Palliative Care

Wednesday, October 19

7:00-7:45 am

TH06 | The Surgeon Specific Registry (SSR) for the Practicing Surgeon

LOCATION: 201

TRACKS: GEN, HP
MODERATOR: Mark A. Malangoni, MD, FACS, *Philadelphia, PA*
CO-MODERATOR: Jill Sage, *Washington, DC*

The SSR is a Web and mobile application and database that allows surgeons to track their cases and outcomes in a convenient manner. The SSR enables surgeons to log and keep track of their cases, and allows participation in an increasing number of regulatory programs for the individual surgeon. Upon conclusion of this Town Hall, there will be an opportunity for a question-and-answer period.

Sponsored by the Division of Research and Optimal Patient Care

TH07 | Early Results from Optimal Resources for Pediatric Surgical Care Program

LOCATION: 202A

TRACKS: HP, PED
MODERATOR: Keith T. Oldham, MD, FACS, *Milwaukee, WI*
PANELISTS:
Douglas C. Barnhart, MD, MSPH, FACS, *Salt Lake City, UT*
Robert S. Sawin, MD, FACS, *Seattle, WA*

This Town Hall forum will provide an update on the implementation and progress of the ACS program designed to provide optimal care for children with surgical issues.

Sponsored by Advisory Council for Pediatric Surgery

TH08 | Advocacy for the Young Surgeon

LOCATION: 202B

TRACKS: HP, RES/MED
MODERATOR: Amy E. Liepert, MD, FACS, *Madison, WI*
CO-MODERATOR: Christian Shalgian, *Washington, DC*
PANELIST: Michael J. Sutherland, MD, FACS, *Pine Bluff, AR*

This Town Hall meeting will help young surgeons understand the importance of advocacy and help them get started on their advocacy journey. Legislators and lobbyists will be present to answer participants' questions.

Sponsored by the Young Fellows Association

TH09 | American College of Surgeons and the Electronic Health Record (EHR)

LOCATION: 206

TRACKS: HP, INFO
MODERATOR: Joseph J. Tepas III, MD, FACS, *Jacksonville, FL*
CO-MODERATOR: Erik G. Van Eaton, MD, FACS, *Seattle, WA*

In this Town Hall meeting, surgeons are invited to bring forth their concerns and ideas regarding the role of the electronic health record (EHR). The Town Hall meeting will feature experts to facilitate the discussion and provide suggestions regarding possible solutions.

Sponsored by the Health Information Technology Committee

TH10 | The Role of Simulation in International Surgical Education

LOCATION: 207A

TRACKS: EDU, INT
MODERATOR: Jamal J. Hoballah, MD, FACS *Beirut, Lebanon*
CO-MODERATOR: Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), FRCS(Hon), FRCSEd(Hon), *Seattle, WA*
PANELISTS:
Richard M. Satava, MD, FACS, *Seattle, WA*
Robert M. Sweet, MD, FACS, *Minneapolis, MN*
Apostolos Papalois, PhD, *Athens, Greece*

The goal of this Town Hall meeting is to (1) identify different models of simulation, including the newer ones; (2) stress the value of simulation as part of a quality-driven and cost-conscious system; (3) evaluate how they can be an integral part of surgical education; and (4) see how they can be used to promote and help surgical education on an international level, including in underserved or developing areas/countries. Existing programs will be discussed with regard to how to expand them or learn from them, as well as ways that the ACS, through the collaborative efforts of different committees (for example, education and international), may promote these initiatives as part of the ACS going global goal.

Sponsored by the International Relations Committee

TH11 | Appendectomy vs. Antibiotics—The First American Randomized Trial

LOCATION: 207B

TRACKS: RUS, EDU, GEN
MODERATOR: David R. Flum, MD, MPH, FACS, *Seattle, WA*
CO-MODERATOR: Giana H. Davidson, MD, MPH, *Seattle, WA*

For the last 130 years, appendectomy has been the standard treatment for appendicitis. Recent studies from Europe have challenged the notion that surgery is the best option, showing that antibiotics alone can treat appendicitis without a need for appendectomy in as many as three out of four patients and without safety issues for up to one year of follow-up. Despite these results, it remains to be determined if the antibiotic strategy is as good as an appendectomy for the outcomes that most patients care about. The Patient-Centered Outcomes Research Institute-funded Comparison of Outcomes of Drugs and Appendectomy trial will be the first U.S., and largest-ever randomized trial of the appendectomy versus antibiotics issue, and its results should help surgeons and patients make more informed health care decisions.

Sponsored by the Program Committee

Thursday, October 20

7:00-7:45 am

TH12 | Trauma Systems: 2016 Controversies and Solutions

LOCATION: 201

TRACK: TRA
MODERATOR: John H. Armstrong, MD, FACS, *Ocala, FL*
CO-MODERATOR: Ronald M. Stewart, MD, FACS, *San Antonio, TX*

This Town Hall will provide an update on the issues from the systems perspective. With rapid emergence of trauma centers that are not well-regulated, what are the consequences? Is there too much of a good thing and will it hurt the academic programs? A systematic review from air transport systems and prehospital systems to building an inclusive system or an exclusive system in the U.S., with current trends and data on what works and what does not will be discussed. Opportunities for ongoing trauma system development will be addressed.

Sponsored by the Committee on Trauma

TH13 | The Aging Surgeon

LOCATION: 202A

TRACKS: HP, OTO
MODERATOR: Roger R. Perry, MD, FACS, *Norfolk, VA*
CO-MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus, OH*

A discussion of the ACS position Statement on the Aging Surgeon, including representatives from the Advisory Councils, are the focus of this Town Hall.

Sponsored by the Advisory Council for Otolaryngology – Head and Neck Surgery

TH14 | How to Set Up a Lung Cancer Screening Program at Your Institution

LOCATION: 202B

TRACK: CTS
MODERATOR: Betty C. Tong, MD, FACS, *Durham, NC*

Lung cancer screening with low-dose computed tomography scans has a very clear impact on disease specific mortality. The process of setting up a screening program should include well-defined process requirements needed for Medicare reimbursement. In addition, unlike breast or prostate screening, lung cancer screening will require a method for disposition of patients who have unrelated diagnoses identified during the screening process. These issues, as well as the basic mechanics of setting up the program, will be reviewed in this session.

Sponsored by the Advisory Council for Cardiothoracic Surgery

TH15 | Autonomy: The Secret Recipe for Surgical Education

LOCATION: 206

TRACKS: EDU, RES/MED
MODERATOR: Rebecca M. Minter, MD, FACS, *Dallas, TX*
CO-MODERATOR: Kenneth A. Harris, MD, FACS, FRCSC, *Ottawa, ON*
PANELISTS:
Carol-anne Moulton, MB, BS, MEd, PhD, FRACS, *Toronto, ON*
Brian C. George, MD, *Ann Arbor, MI*

The importance of autonomy in the latter parts of surgical training has never been more evident. The lack of autonomy is perhaps, one of the most concerning aspects of today's surgical education. This Town Hall will discuss the latest proposed changes to help improve autonomy in training. Further, it will define models that will help foster autonomy within the current medical-legal environment.

Sponsored by the Young Fellows Association

TH16 | Advocacy for ACS in Washington: Achievements for Surgeons and Their Patients

LOCATION: 207A

TRACK: HP
MODERATOR: Patrick V. Bailey, MD, FACS, FAAP, *Washington, DC*
CO-MODERATOR: Michael J. Sutherland, MD, FACS, *Pine Bluff, AR*

This session will provide attendees with an opportunity to learn about the multiple advocacy activities led by the ACS Division of Advocacy and Health Policy staff. In particular, the session will provide an update on the work of the ACS Health Policy Advisory Group (HPAG), the Legislative Committee, and the Coding and Reimbursement Committee. Members of the ACS Washington staff will be present to answer questions and hear concerns from attendees.

Sponsored by the Program Committee

TH17 | The American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®): What Is It Doing for You Today?

LOCATION: 207B

TRACKS: EDU, GEN
MODERATOR: Bruce L. Hall, MD, PhD, MBA, FACS, *St. Louis, MO*
CO-MODERATOR: Mark E. Cohen, PhD, *Chicago, IL*
CO-MODERATOR: Melissa Latus, RN, *Chicago, IL*

ACS NSQIP® is a multispecialty, validated, risk-adjusted outcomes database that promotes surgical quality evaluation and improvement. The program uses clinical data and has been demonstrated to significantly improve surgical patient outcomes in participating hospitals. This Town Hall meeting will describe how hospitals can become quality leaders by participating in ACS NSQIP®, and how to implement positive cultural change and quality improvement initiatives within the hospital setting. A discussion and question/answer period will be included in this session.

Sponsored by the Division of Research and Optimal Patient Care

TH18 | A New Era for Global Surgery

LOCATION: 102

TRACKS: INT, HUM
MODERATOR: Girma Tefera, MD, FACS, *Madison, WI*
CO-MODERATOR: Jamal J. Hoballah, MD, FACS, *Beirut, Lebanon*

The World Health Organization (WHO) and several surgical associations, including the ACS, assert that surgery is a main part of global humanitarian care and that basic surgical procedures (appendectomy, cholecystectomy, cesarean section, and so on) are a necessity and a way to avoid unnecessary deaths. The ACS, with its global reach, should identify ways to take an active lead in this effort by doing the following: (1) creating educational, skill-based modules that can be used in underserved areas/countries; and (2) identifying possible collaborative opportunities with other organizations, such as the WHO or the Médecins Sans Frontières. As part of this Town Hall, international members of the ACS can present their experiences and offer valuable insights.

Sponsored by the International Relations Committee

NAMED LECTURES

Monday, October 17

NL01 | 8:00-9:30 am
Opening Ceremony/ Martin Memorial Lecture Sponsored by the American Urological Association: Doctors in Distress: The Burnout Crisis

LOCATION: Hall D

TRACKS: GEN, URO

PRESIDING OFFICER: Courtney M. Townsend, Jr., MD, FACS, *Galveston, TX*

INTRODUCER: Richard K. Babyan, MD, FACS, *Boston, MA*


Delos M. Cosgrove

LECTURER: Delos M. Cosgrove, MD, FACS, *Cleveland, OH*

The Martin Memorial Lecture and the American Urological Association (AUA) Lecture have been combined for presentation during the Opening Ceremony of the Clinical Congress. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College and his wife, Isabelle Hollister Martin.

Sponsored by the American Urological Association and alternately nominated by the Advisory Council for Urological Surgery and the ACS Honors Committee

NL02 | 9:45-10:45 am
John H. Gibbon, Jr., Lecture: the Elite Athlete… the Master Surgeon

LOCATION: Ballroom A

TRACK: CTS

PRESIDING OFFICER AND INTRODUCER: David T. Cooke, MD, FACS, *Sacramento, CA*

LECTURER: Edward D. Verrier, MD, FACS, *Seattle, WA*


Edward D. Verrier

Established in 1971 to honor this pioneer in open heart surgery.

Sponsored by the Advisory Council on Cardiothoracic Surgery

NL03 | 2:30-3:30 pm
Charles G. Drake History of Surgery Lecture: Athletic Head Trauma: The Interface Between Sport, Science, Pseudoscience, Politics, and Money

LOCATION: Ballroom A

TRACK: NEU

PRESIDING OFFICER AND INTRODUCER: Shelly D. Timmons, MD, PhD, FACS, FAANS, *Danville, PA*


H. Hunt Batjer

LECTURER: H. Hunt Batjer, MD, FACS, *Dallas, TX*

Established by the Advisory Council for Neurological Surgery in 1992 to explore the historical development of surgery and to honor this leader in neurological surgery.

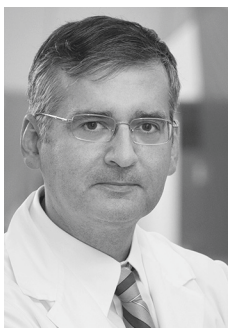
Sponsored by the Advisory Council for Neurological Surgery

NL04 | 4:15-5:00 pm
I.S. Ravdin Lecture in the Basic and Surgical Sciences: Surgery to Adjust the Activity of Misfiring Brain Circuits to Improve Movement, Mood, and Memory

LOCATION: Ballroom A

TRACKS: BTR, GEN

PRESIDING OFFICER AND INTRODUCER: Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*


Andres M. Lozano

LECTURER: Andres M. Lozano, MD, PhD, FRCSC, FRSC, *Toronto, ON*

Sponsored by the I.S. Ravdin Surgical Society since 1964 to honor Dr. Ravdin by promoting knowledge in basic sciences with application to surgery.

Sponsored by the I.S. Ravdin Surgical Society

Tuesday, October 18

NL05 | 8:00-9:00 am
Herand Abcarian Lecture: A Safe Space for Surgeons? Trigger Warning: Unpleasant Facts Discussed

LOCATION: 201

TRACK: CRS

PRESIDING OFFICER AND INTRODUCER: Neil H. Hyman, MD, FACS, *Chicago, IL*

LECTURER: Robert D. Fry, MD, FACS, *Philadelphia, PA*


Robert D. Fry

Established by the Chicago Society of Colon and Rectal Surgeons in 2006 to honor this colon and rectal surgeon and to address issues of relevance to the surgical community at-large and focus on emerging issues in surgery.

Sponsored by the Advisory Council for Colon and Rectal Surgery

NL06 | 9:45-10:45 am
Excelsior Surgical Society/Edward D. Churchill Lecture: Strategies to Increase Survival in Active Shooter and Intentional Mass Casualty Events

LOCATION: 201

TRACK: GEN

PRESIDING OFFICER AND INTRODUCER: M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

LECTURER: Lenworth M. Jacobs, Jr., MD, MPH, FACS, *Hartford, CT*


Lenworth M. Jacobs

This lecture is named for the Excelsior Surgical Society, a group of 80 medical officers who met for the first time in 1945 at the Excelsior Hotel, Rome, Italy. This lecture also honors Col. Edward C. Churchill, a famous surgeon and consultant to the U.S. Army in the World War II Italian Theatre, who presented the first keynote address at this meeting.

Sponsored by the Advisory Council for General Surgery

NL07 | 12:45-1:30 pm
Scudder Oration on Trauma: Responding to Crisis: Surgeons as Leaders in Disaster Response

LOCATION: Ballroom A

TRACK: TRA

PRESIDING OFFICER AND INTRODUCER: Ronald M. Stewart, MD, FACS, *San Antonio, TX*

LECTURER: Susan M. Briggs, MD, MPH, FACS, *Boston, MA*


Susan M. Briggs

Honoring Charles Locke Scudder, a founding member of the College and a major contributor to the surgery of trauma.

Sponsored by the Committee on Trauma

NL08 | 2:30-3:30 pm
Olga M. Jonasson Lecture: The Journey: Becoming a Neurosurgeon and Back Again

LOCATION: 145

TRACK: GEN

PRESIDING OFFICER AND INTRODUCER: Rosemary A. Kozar, MD, PhD, FACS, *Baltimore, MD*

LECTURER: Alexa I. Canady, MD, FACS, *Pensacola, FL*


Alexa I. Canady

Esablished by the Women in Surgery Committee to honor the memory of Olga M. Jonasson, MD, FACS, who died in August 2006. This lectureship is a testimony to leadership and education in surgery and a reflection of the capacity of women to reach academic pinnacles.

Sponsored by the Women in Surgery Committee

Wednesday, October 19

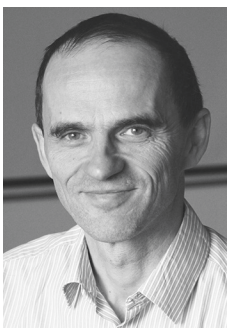
NL09 | 8:00-9:00 am
Distinguished Lecture of the International Society of Surgery: Global Surgery in 2030: Turning Vision into Reality

LOCATION: 201

TRACK: HUM, INT

PRESIDING OFFICER AND INTRODUCER: Kathleen M. Casey, MD, FACS, *Newport, RI*

LECTURER: Andrew Leather, *London, UK*


Andrew Leather

Established in 1990 an endowed by the U.S. Chapter of the International Society of Surgery to recognize the Society's worthwhile activities by honoring distinguished international surgeons.

Sponsored by the U.S. Chapter of International Society of Surgery

NL10 | 9:45-10:45 am
John J. Conley Ethics and Philosophy Lecture: TRUST: The Keystone of the Patient-Physician Relationship

LOCATION: 201

TRACK: ETH

PRESIDING OFFICER AND INTRODUCER: Henri R. Ford, MD, MHA, FACS, *Los Angeles, CA*

LECTURER: Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), FRCS(Hon), FRCSEd(Hon), *Seattle, WA*


Carlos A. Pellegrini

Sponsored by the Committee on Ethics and generously supported since 1991 by John J. Conley, MD, FACS, New York, NY, to explore ethical issues in surgery. Dr. Conley died in 1999, but his legacy continues and his memory is honored at this annual lecture.

Sponsored by the Committee on Ethics

NL11 | 12:45-1:45 pm
Commission on Cancer Oncology Lecture: Finding the Evidence in Real-World Evidence: Moving from Data to Information to Knowledge

LOCATION: Ballroom B

TRACK: ONC

PRESIDING OFFICER AND INTRODUCER: David P. Winchester, MD, FACS, *Chicago, IL*

LECTURER: Richard L. Schilsky, MD, FACP, FASCO, *Alexandria, VA*


Richard L. Schilsky

Established in 1988 to explore major developments in oncology and to focus on the surgeon's role in caring for cancer patients.

Sponsored by the Commission on Cancer

SPECIAL SESSIONS

Three new Special Sessions at Clinical Congress 2016 will provide an in-depth look at timely and important topics. There is no charge for these sessions, which will be held during the lunch hour. Attendees will have an opportunity to purchase a lunch prior to entering the session.

SL01 | Firearm Injury Prevention

TRACKS: GEN, TRA

1 Credit
Monday, October 17; 1:00–2:30 pm

LOCATION: Hall D

MODERATOR: Ronald M. Stewart, MD, FACS, *San Antonio, TX*
CO-MODERATOR: Deborah A. Kuhls, MD, FACS, *Las Vegas, NV*

Injury resulting from firearm use continues to be an issue in the U.S. and potential solutions to this problem continue to be a high-profile topic. While gun control is clearly a polarizing issue, other approaches to this public health problem might create an opportunity for the American College of Surgeons (ACS), in collaboration with other health care organizations, to find a common ground so that progress can be made in addressing firearm violence. This session will be moderated by the ACS Committee on Trauma (COT) leadership and will discuss results from a survey of the national COT to determine participants' views on a wide variety of firearm injury-related topics.

Session I: Introduction and Overview of Firearm Injury Prevention
Monday, 1:00-1:22 pm

Introduction: The ACS Committee on Trauma Perspective on Firearm Injury and Prevention
Ronald M. Stewart, MD, FACS, *San Antonio, TX*

U.S. Firearm Injuries and Deaths in Adult and Pediatric Populations
Peter A. Burke, MD, FACS, *Boston, MA*
Barbara Gaines, MD, FACS, *Pittsburgh, PA*

ACS Committee on Trauma Member Survey: Results
Brendan T. Campbell, MD, MPH, FACS, *Hartford, CT*
Deborah A. Kuhls, MD, FACS, *Las Vegas, NV*

Session II: Transforming Survey Results into Action
Monday, 1:22-1:55 pm

Initiatives Informed by the Member Survey
Deborah A. Kuhls, MD, FACS, *Las Vegas, NV*

Firearm and Violence Injury Prevention Programs
Ashley Hink, MD, MPH, *Charleston, SC*

Advocacy Informed by the Member Survey
Michael Coburn, MD, FACS, *Houston, TX*

Incorporating Lessons Learned
Joseph A. Ibrahim, MD, FACS, *Orlando, FL*

ACS Resources
Ronald M. Stewart, MD, FACS, *San Antonio, TX*

Session III: Discussion
Monday, 1:55-2:30 pm

Discussion and Wrap-Up
Ronald M. Stewart, MD, FACS, *San Antonio, TX*
Deborah A. Kuhls, MD, FACS, *Las Vegas, NV*

Sponsored by the Committee on Trauma

SL02 | American College of Surgeons (ACS) Strong for Surgery

TRACK: GEN

1 Credit
Tuesday, October 18; 11:15 am–12:45 pm

LOCATION: Hall D

MODERATOR: Thomas K. Varghese, Jr., MD, MS, FACS, *Salt Lake City, UT*
CO-MODERATOR: David R. Flum, MD, MPH, FACS, *Seattle, WA*

A patient's risk of negative outcomes is often predetermined based on their risk characteristics, but these outcomes are also potentially modifiable in the days and weeks leading up to an operation. Although much of the focus of quality initiatives is on in-hospital care, surgeons also have an opportunity to reduce complications using a standardized approach to patient optimization prior to hospitalization. The evidence related to preoperative optimization, including cigarette cessation, nutrition, medication management, and glucose homeostasis will be reviewed and attendees will be given step-by-step approaches for implementing effective office-based risk reducing strategies. The session will introduce the American College of Surgeons-supported Strong for Surgery initiative, a program that brings pre-surgery checklists to physicians' offices to improve clinical outcomes and keeps surgeons ahead of the quality initiative curve.

Session I:
Tuesday, 11:15 am-12:03 pm

Changing the Focus of Patient Engagement: The Emerging Role of the Surgical Clinic
David R. Flum, MD, MPH, FACS, *Seattle, WA*

Preoperative Screening for Hyperglycemia Risk, Preoperative Carbohydrate Loading, and Perioperative Glucose Control
E. Patchen Dellinger, MD, FACS, *Seattle, WA*

From Checklists to Implementation: Real-World Examples of Strong for Surgery in Action
Thomas K. Varghese, Jr., MD, MS, FACS, *Salt Lake City, UT*

Strong for Surgery and the ACS Vision for Quality in Perioperative Care
Clifford Y. Ko, MD, MS, MSHS, FACS, *Chicago, IL*

Session II:
Tuesday, 12:03-12:45 pm

Panel Discussion

Sponsored by the Division of Research and Optimal Patient Care and the Surgical Research Committee

SL03 | Global Engagement

TRACK: HUM

1 Credit
Wednesday, October 19; 11:15 am–12:45 pm

LOCATION: Ballroom C

MODERATOR: Girma Tefera, MD, FACS, *Madison, WI*

This session will introduce the new strategic direction of the American College of Surgeons regarding global and domestic volunteerism. There will be three 30-minute sessions. The first session will focus on international programs and the second session will focus on domestic volunteerism, including examples of best practices from previous award winners. The last 30 minutes will feature an open-mic forum where Fellows can discuss the extraordinary volunteerism work they do domestically and abroad.

Session I: International Programs
Wednesday, 11:15-11:45 am

MODERATORS:
Girma Tefera, MD, FACS, *Madison, WI*
Fabrizio Michelassi, MD, FACS, *New York, NY*

PRESENTERS:
Henri Ford, MD, FACS, *Los Angeles, CA*
Miliard Derbew, MD, FRCS, FCS-ECSA, *Addis Ababa, Ethiopia*
Walter D. Johnson, MD, EMBA, MPH, FACS, *Geneva, Switzerland*

Session II: Domestic Volunteerism
Wednesday, 11: 45 am-12:15 pm

MODERATORS:
Scott A. Leckman, MD, FACS, *Salt Lake City, UT*
Girma Tefera, MD, FACS, *Madison, WI*

PRESENTERS:
Sandra L. Freiwald, MD, FACS, *San Marcos, CA*
Anathea C. Powell, MD, FACS, *Phoenix, AZ*
Jorge A. Enriquez, MD, FACS, *Bakersfield, CA*

Session III: Open Mic Forum
Wednesday, 12:15-12:45 pm

MODERATOR:
Raymond Price, MD, FACS, *Murray, UT*

Sponsored by Operation Giving Back

POSTGRADUATE COURSES

Postgraduate Courses and Fees

Postgraduate Courses include Didactic/Experiential (DEC) and Surgical Skills Courses (SSC). Only registered meeting attendees may purchase Postgraduate Course tickets. Seating capacities are limited and ticket requests will be filled on a first-come, first-processed basis. All Postgraduate Courses require a ticket for admission. Tickets for some of the Postgraduate Courses may also be purchased on-site, subject to availability and any applicable course prerequisite requirements. Tickets may be exchanged for an alternate course before the start of the course and based on availability. **No refunds for Postgraduate Courses will be accepted after September 26, 2016**.

Description of Fee Categories

Fellow: A surgeon who is a Fellow of the American College of Surgeons (ACS)

Non-Fellow: A practicing physician who is not currently a member of the ACS

RAS: Associate Fellows, Resident Members, Medical Student Members, and Affiliate Members of the College

Non-RAS: A physician in training or member of the surgical team who is currently in an accredited training program or working in a surgical-related setting but has no affiliation with the College

ACS System for Verification of Knowledge and Skills

The American College of Surgeons (ACS) Board of Regents has approved a five-level model for verification and documentation of knowledge and skills by the Division of Education, following participation in the educational programs of the College. This model provides a framework for designing and implementing educational courses based on principles of contemporary surgical education and permits a provision of appropriate documentation to the attendees. The courses offered at Clinical Congress have been assigned verification levels of I, II, or III, based on the requirements for each level.

Level	Verification of	Requirement(s)
Level I	Attendance	Affirmation of attendance/ course ticket; and course evaluation
Level II	Satisfactory completion of course objectives	Use of pre- and posttest* and course evaluation
Level III	Knowledge and skills	Formal assessment through pre- and posttest* and skills report card; and course evaluation
Level IV	Preceptor experience	Not available at Clinical Congress
Level V	Satisfactory patient outcomes	Not available at Clinical Congress

* A passing score of 75 percent or higher is required on the posttest.

All Postgraduate Courses with a designated verification level of II and III have a Self-Assessment component toward Maintenance of Certification (MOC) Part 2. All requirements of these Postgraduate Courses must be completed in order to receive *AMA PRA Category 1 Credit(s)*™ and count for Self-Assessment Credit toward Part 2 of the MOC Program.

Verification of completion of all requirements for Postgraduate Courses will be completed following the conclusion of Clinical Congress. Please allow up to six weeks for notification to claim certificates.

Index to Postgraduate Courses

Admission to any Postgraduate Course is by ticket only (see page 4). Subject to availability, tickets may be purchased on-site for selected courses at the registration area the Walter E. Washington Convention Center.

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Didactic/Experiential Courses

DEC01 | Emergency General Surgery Review

PtS T

TRACKS: GEN, TRA

6 credits, Verification Level II
Saturday, October 15; 8:00 am-3:30 pm

LOCATION: 151A

CHAIR: Carlos V. R. Brown, MD, FACS, *Austin, TX*
CO-CHAIR: Michael C. Chang, MD, FACS, *Winston-Salem, NC*

Emergency general surgery continues to evolve. A panel of experienced experts will discuss a broad range of topics and examine new trends in operative and nonoperative management of common emergency general surgery topics for surgeons in all settings who care for this challenging patient population.

Session I
Saturday, 8:00-9:30 am

Defining Burden and Severity of Disease for Emergency General Surgery
Preston R. Miller III, MD, FACS, Winston-Salem, NC

Acute Appendicitis
Pedro G. R. Teixeira, MD, Austin, TX

Gallbladder Disease: An Evidence-Based Approach
Hasan B. Alam, MD, FACS, Ann Arbor, MI

Session II
Saturday, 9:45-11:15 am

Colonic Emergencies
Scott R. Steele, MD, FACS, FASCRS, Cleveland, OH

Necrotizing Pancreatitis
Matthew J. Martin, MD, FACS, Tacoma, WA

Acute Complications of Peptic Ulcer Disease
W. Drew Fielder, MD, FACS, Austin, TX

Session III
12:15-1:45 pm

Necrotizing Soft-Tissue Infections
Sharon M. Henry, MD, FACS, Baltimore, MD

Small Bowel Obstruction
Jason W. Smith, MD, PhD, FACS, Louisville, KY

Abdomen for Emergency General Surgery
Gregory P. Victorino, MD, FACS, Oakland, CA

Session IV
Saturday, 2:00-3:30 pm

Emergency General Surgery in Pregnancy
Ali Salim, MD, FACS, Boston, MA

Nuances of Emergency General Surgery in the Elderly
Zara Cooper, MD, MSc, FACS, Boston, MA

Emergency Complications after Bariatric Surgery
Stacy A. Brethauer, MD, FACS, Cleveland, OH

Sponsored by the Committee on Trauma and the Advisory Council for General Surgery

DEC02 | Atypical Breast Lesions: Defining and Managing This High-Risk Population

RM

TRACK: EDU, ONC

6 credits, Verification Level II
Saturday, October 15; 8:30 am-4:00 pm

LOCATION: 151B

CHAIR: Kristine E. Calhoun, MD, FACS, *Seattle, WA*
CO-CHAIR: Farin Amersi, MD, FACS, *Los Angeles, CA*

Atypical hyperplasia is found in core needle breast biopsy in only 5-10 percent of cases but the surgical and subsequent clinical management of these patients has changed significantly in the last decade. These atypical lesions include atypical ductal hyperplasia, atypical lobular hyperplasia, papillomas, radial scar, and flat epithelial atypia. This session will discuss these lesions and identify which of those are risk lesions and which are potential precursor breast cancer lesions. The role and indications for excisional biopsy will be discussed. Chemoprevention management and increased screening and type of surveillance will be also reviewed.

Session I
Saturday, 8:30-10:00 am

The Spectrum of Atypical Breast Pathology: Risk Factor Lesion or Cancer Precursor? (Papillomas, Radial Scar, Flat Epithelial Atypia (FEA), Atypical Hyperplasias)
Lorraine Tafra, MD, FACS, Annapolis, MD

Lobular Carcinoma In-Situ Natural History: Risk Factor Lesion or Cancer Precursor?
Benjamin O. Anderson, MD, FACS, Seattle, WA

Ductal Carcinoma In-Situ—Risk Factor Lesion or Cancer?
Funda Meric-Bernstam, MD, FACS, Houston, TX

Case Presentation with Panel Discussion
Kristine E. Calhoun, MD, FACS, Seattle, WA

Session II
Saturday, 10:15-11:45 am

Diagnostic Management of Papillomas, Radial Scars, and Flat Epithelial Atypia (FEA): Core Biopsy Alone Versus Core Biopsy Plus Excision
Faina Nakhlis, MD, FACS, Boston, MA

Diagnostic Management of the Atypical Hyperplasia: Core Biopsy Alone vs. Excisional Biopsy
Alice P. Chung, MD, FACS, Los Angeles, CA

Diagnostic Management of Lobular Carcinoma In-Situ (LCIS): Core Biopsy Alone vs. Core Biopsy Plus Excision for LCIS and Pleomorphic LCIS
Nora M. Hansen, MD, FACS, Chicago, IL

Case Presentation with Panel Discussion
Farin Amersi, MD, FACS, Los Angeles, CA

Session III
Saturday, 12:45-2:15 pm

Breast Cancer Risk Prediction in Women with Atypical Breast Lesions
Kevin S. Hughes, MD, FACS, Boston, MA

Advanced Screening Options and Surveillance in Women with Atypical Breast Lesions
Charlotte L. Dillis, Washington, DC

The Role for Chemoprevention in Women with Atypical Breast Lesions
Sarah A. McLaughlin, MD, FACS, Jacksonville, FL

Case Presentation with Panel Discussion
Kristine E. Calhoun, MD, FACS, Seattle, WA

Session IV
Saturday, 2:30-4:00 pm

Is There a Role for Prophylactic Mastectomy in Women with Atypical Breast Lesions?
Judy C. Boughey, MB, BChir, FACS, Rochester, MN

Treatment for Ductal Carcinoma In-Situ (DCIS): Medical
Alastair M. Thompson, BSc(Hon), MB, ChB, MD, FRCSEd, Houston, TX

Treatment for Ductal Carcinoma In-Situ (DCIS): Surgical
Kimberly J. Van Zee, MD, FACS, New York, NY

Case Presentation with Panel Discussion
Farin Amersi, MD, FACS, Los Angeles, CA

Session Wrap-Up
Farin Amersi, MD, FACS, Los Angeles, CA

Sponsored by the Advisory Council for General Surgery

DEC03 | Surgical Education: Principles and Practice

TRACK: EDU

6 credits, Verification Level II
Saturday, October 15; 9:00 am-4:30 pm

LOCATION: 140

CHAIR: Roy Phitayakorn, MD, FACS, *Boston, MA*
CO-CHAIR: Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

The objective of this course is to enhance the teaching skills of surgeons active in student and resident education. The principles of adult learning, mentoring, needs assessment, questioning skills, conference management, feedback, and performance evaluation will be reviewed. In addition, participants will develop a thorough generational understanding of the practical applications of these principles, both in and out of the operating room. This course includes a workshop with interactive, small group discussions.

Session I
9:00-10:45 am

MODERATORS:
Roy Phitayakorn, MD, FACS, *Boston, MA*
Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Introductions/Goals and Objectives
Roy Phitayakorn, MD, FACS, Boston, MA
Adnan A. Alseidi, MD, EdM, FACS, Seattle, WA
Gerald A. Isenberg, MD, FACS, FASCRS, Philadelphia, PA

Adult Learning Theories
Roy Phitayakorn, MD, FACS, Boston, MA

Skills Training Model
Adnan A. Alseidi, MD, EdM, FACS, Seattle, WA

Session II
11:00 am-12:15 pm

Creating a Curriculum: Yes I Can!
Gerald A. Isenberg, MD, FACS, FASCRS, Philadelphia, PA

Teaching Modalities
Adnan A. Alseidi, MD, EdM, FACS, Seattle, WA

Introduce Group Work
Roy Phitayakorn, MD, FACS, Boston, MA

Session III
1:15-2:15 pm

Small Group Work and Presentation
Roy Phitayakorn, MD, FACS, Boston, MA

Session IV
2:30-4:30 pm

Individual Feedback Versus Evaluation
Adnan A. Alseidi, MD, EdM, FACS, Seattle, WA

Practice Giving Constructive Feedback
Roy Phitayakorn, MD, FACS, Boston, MA

Wrap Up and Next Steps
Roy Phitayakorn, MD, FACS, Boston, MA

Sponsored by the Division of Education

DEC04 | Global Health Competencies for Surgeons: Cognitive and System Skills

TRACK: HUM

6 credits, Verification Level II
Saturday, October 15; 9:00 am-4:30 pm

LOCATION: 103A

CHAIR: Girma Tefera, MD, FACS, *Madison, WI*
CO-CHAIR: Robert Riviello, MD, MPH, FACS, *Boston, MA*

This course will help prepare the international volunteer to understand characteristics of low-resource surgical environments, situational ethics, cultural competency, tropical diseases relevant in surgery, personal preparedness and health considerations, responsibilities as a health work, and the scope of the "essential surgical" procedures as defined by the *Disease Control Priorities, Third Edition*.

Session I
9:00-11:00 am

What is Global Health?
Girma Tefera, MD, FACS, Madison, WI

Development Goals
Doruk E. Ozgediz, MD, Buffalo, NY
Fizan Abdullah, MD, PhD, Chicago, IL

Understanding the Gaps in Basic Surgical Needs
Thomas G. Weiser, MD, Stanford, CA
Benedict C. Nwomeh, MB, BS, FACS, Columbus, OH

Research Priorities in Global Health
Stephen W. Bickler, MD, FACS, San Diego, CA
Sudha P. Jayaraman, MD, Richmond, VA

Session II
11:15 am-2:30 pm

Innovation and Technology in Global Health
Rifat Latifi, MD, FACS, Tucson, AZ
Thomas F. Burke, MD, FACEP, FRSM, Boston, MA

Global Health Partnerships
Raymond R. Price, MD, FACS, Salt Lake City, UT
Carlos A. Garberoglio, MD, FACS, Loma Linda, CA

Working Lunch
Haile T. Debas, MD, FACS, San Francisco, CA

Global Surgery Literacy—Exotic Surgical Diseases
Miliard Derbew, MD, FRCS, FCS-ECSA, *Addis Ababa, Ethiopia*

Ethics of Practice: Case-Based Conversation
Rahul M. Jindal, MB, BS, FACS, Silver Spring, MD
Tamara J. Worlton, MD, FACS, Silver Spring, MD

Session III
2:45-4:30 pm

Non-Technical Skills in Global Surgery
Robert Riviello, MD, MPH, FACS, Boston, MA

Cultural Awareness: What Does It Mean?
John L. Tarpley, MD, FACS, FWACS, Nashville, TN
Kee B. Park, MD, Boston, MA

Putting It Together: Pre-, During, and Post-Trip
Margaret J. Tarpley, Nashville, TN
Heidi Busse, Madison, WI

Evaluation and Closing
Robert Riviello, MD, MPH, FACS, Boston, MA
Girma Tefera, MD, FACS, Madison, WI

Sponsored by Operation Giving Back

DEC05 | Update in Trauma Care

TRACK: TRA

6 credits, Verification Level II
Sunday, October 16; 8:00 am-3:30 pm

LOCATION: 151A

CHAIR: Akpofure P. Ekeh, MD, BS FACS, *Dayton, OH*
CO-CHAIR: Paula Ferrada, MD, FACS, *Richmond, VA*

Trauma care continues to evolve. New technology, new resuscitation strategies, and new diagnostic options are all merging with traditional paradigms to produce state-of-the-art care with improving outcomes. This session will cover trauma care from top to bottom with a highly skilled and experienced panel of surgeons who can share their wealth of experience.

Session I: Initial Management and Resuscitation
Sunday, 8:00-9:15 am

Introduction
Akpofure P. Ekeh, MD, BS, FACS, Dayton, OH

Hemostatic Resuscitation 101
Juan C. Duchesne, MD, FACS, FCCP, New Orleans, LA

Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA)—New Catheter, Better Outcomes?
Megan Brenner, MD, FACS, Baltimore, MD

Active Shooter and Mass Casualty Events—The Hartford Consensus™
Lenworth M. Jacobs, Jr., MD, MPH, FACS, Hartford, CT

Questions and Answers

Session II: Special Considerations in Trauma
Sunday, 9:30-11:00 am

Trauma in the Pediatric Population—Do's and Don'ts
Barbara A. Gaines, MD, FACS, Pittsburgh, PA

Geriatric Trauma—From Scene to Discharge
Herbert A. Phelan III, MD, Dallas, TX

Rib Fracture Fixation—Who, When, and Where?
Gregory Semon, DO, Dayton, OH

International Collaboration in Trauma Care—Lessons and Applications
Raul Coimbra, MD, PhD, FACS, San Diego, CA

Thromboelastography (TEG) and Rotational Thromboelastometry (ROTEM) in Trauma—Benefits and Pitfalls
Bryan A. Cotton, MD, MPH, FACS, Houston, TX

Session III: Acute Care Surgery Updates
Sunday, 12:00 noon-1:30 pm

Pneumatosis Intestinalis—When an Operation is Urgent
Joseph J. DuBose, MD, FACS, FCCM, Davis, CA

Necrotizing Soft-Tissue Infections—What's New?
Sharon M. Henry, MD, FACS, Baltimore, MD

What is Rescue Surgery and How Can It Benefit the Patient?
Andrew B. Peitzman, MD, FACS, Pittsburgh, PA

Abdominal Wall Reconstruction in Acute Care Surgery
Kathryn M. Tchorz, MD, RDMS, FACS, Dayton, OH

New Frontiers in Managing Necrotizing Pancreatitis
Oliver L. Gunter, MD, FACS, Nashville, TN

Questions and Answers

Session IV: Critical Care Updates
Sunday, 1:45-3:30 pm

Update in Sepsis Guidelines—What Is Really New?
Rachael A. Callcut, MD, MSPH, San Francisco, CA

Ultrasound as a Tool for Resuscitation in the Critically Ill
Nicole A. Stassen, MD, FACS, Rochester, NY

When the Operating Room Becomes the Intensive Care Unit (ICU)
D'Andrea K. Joseph, MD, FACS, Hartford, CT

Challenging Cases in Mechanical Ventilation
Lena M. Napolitano, MD, FACS, Ann Arbor, MI

Neuro-Critical for Trauma 2016—What Is New?
Deborah M. Stein, MD, MPH, FACS, FCCM, Baltimore, MD

Nutritional Support in the Intensive Care Unit (ICU) – Pertinent Updates
James G. Tyburski, MD, FACS, Detroit, MI

Questions and Answers

Sponsored by the Committee on Trauma

DEC06 | Office and Hospital Coding: What to Bill, How to Document and Appeal—2016 Basic Coding Workshop

TRACKS: GEN, HP

6 credits, Verification Level II
Sunday, October 16; 8:30 am-4:00 pm

LOCATION: 103A

CHAIR: Albert Bothe, Jr., MD, FACS, *Danville, PA*
CO-CHAIR: Linda M. Barney, MD, FACS, *Dayton, OH*

This course is focused on fine tuning the business and reimbursement side of surgeons' practices. Participants will receive information and tools needed to code evaluation and management (E/M) services with confidence, utilize modern payment technologies, evaluate and improve billing and collections systems, and prepare for the coming changes in health care reimbursement. Learning objectives include: selecting the right type of code and level of service in all situations, correctly identifying E/M services that are part of the global payment and those that may be separately billed, and reducing the chance of an audit by documenting correctly. This session will also provide specific examples designed to explain critical care billing during the pre-op and post-op period.

Session 1
Sunday, 8:30-10:30 am

How You Get Paid: The Mechanics of Coding
Betsy Nicoletti, MS, CPC, Northampton, MA

Session II
Sunday, 10:45 am-12:30 pm

Don't Let the Electronic Health Record (EHR) Run Away with You
Betsy Nicoletti, MS, CPC, Northampton, MA

Session III
Sunday, 1:30-3:00 pm

The International Statistical Classification of Diseases (ICD-10): Issues and Problems
Betsy Nicoletti, MS, CPC, Northampton, MA

Nonphysician Practitioners in a Surgical Practice
Betsy Nicoletti, MS, CPC, Northampton, MA

Session IV
Sunday, 3:15-4:00 pm

Reporting and Revenue Cycle
Betsy Nicoletti, MS, CPC, Northampton, MA

Sponsored by the General Surgery Coding and Reimbursement Committee

DEC07 | Fertility and Pregnancy in the Young Breast Cancer Patient and Those with Genetic Mutations

TRACKS: GEN, OBG, ONC

6 credits, Verification Level II
Sunday, October 16; 9:00 am-4:30 pm

LOCATION: 151B

CHAIR: Jacqueline S. Jeruss, MD, FACS, *Ann Arbor, MI*
CO-CHAIR: Elisa R. Port, MD, FACS, *New York, NY*

As the survival rates for young women with breast cancer improve and the identification of young breast cancer (BRCA) mutation carriers increases, secondary issues of fertility, breast preservation, mutation testing, and timing of prophylactic mastectomy and bilateral oophorectomy have become more common. This session will discuss fertility preservation, the role of the reproduction endocrinologist and the National Comprehensive Cancer Network guidelines regarding assessment and referral of patients to these services. It will also discuss the issues surrounding pregnancy and fertility after the diagnosis and treatment of breast cancer and those who do not have cancer but are positive for a genetic mutation. The timing and management of subsequent pregnancies and prophylactic surgery will also be discussed and reviewed.

Session I
Sunday, 9:00-11:00 am

Fertility Preservation and the Care of Women with Breast Cancer
Teresa K. Woodruff, PhD, Chicago, IL

Implementation of Fertility Preservation Options of Young Women with Cancer and High-Risk Mutations
Molly B. Moravek, MD, MPH, MSCI, Ann Arbor, MI

Session II
Sunday, 11:15 am-12:15 pm

Identifying and Counseling Young Patients with Breast Cancer-Associated Genetic Mutations
Sofia D. Merajver, MD, PhD, Ann Arbor, MI

Session III
Sunday, 1:15-3:15 pm

Medical Oncology Considerations for Young Breast Cancer Patients and Patients at High Risk
William Gradishar, MD, FACP, Chicago, IL

Surgical Care for Young Breast Cancer Patients and Those at High Risk: Timing and Treatment Options
Elisa R. Port, MD, FACS, New York, NY
Jacqueline S. Jeruss, MD, FACS, Ann Arbor, MI

Session IV
Sunday, 3:30-4:30 pm

Reconstructive Issues and Options for High-Risk Patients and Those with Breast Cancer
Maurice Y. Nahabedian, MD, FACS, Washington, DC
Joseph J. Disa, MD, FACS, New York, NY

Sponsored by the Advisory Council for General Surgery

DEC08 | Measure Twice, Cut Once! Optimizing Surgical Systems of Care

PtS RM

TRACKS: EDU, INFO

6 credits, Verification Level II
Sunday, October 16; 9:00 am-4:30 pm

LOCATION: 103B

CHAIR: Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Surgeons are in a unique position to maximize surgical care by applying principles of health systems engineering to their practices. Learn the critical differences between health systems engineering (HSE) and the traditional approaches to quality improvement. Simple HSE strategies can be used to identify potential problems, measure them in a feasible way, interpret results, propose solutions, and make adjustments as needed. Microsoft Excel can be used for this session, and a few powerful techniques will be taught to help clinicians understand, analyze, and improve their systems of care and to measure outcomes. This course will teach the fundamental principles and skills of HSE to help surgeons lead the way in making important changes to practice and help foster collaboration with other members of the performance improvement team. (Participants will need to bring a laptop computer with Excel 2007 or a later version. Lunch will be provided.)

Session I
Sunday, 9:00-10:15 am

Introduction and Overview
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Lessons Learned
Juan A. Sanchez, MD, MPA, FACS, Baltimore, MD

Electronic Materials Review
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Session II
Sunday, 10:30 am-12:30 pm

Key Concept Review
Harry C. Sax, MD, FACS, FACHE, Los Angeles, CA
Paul M. Maggio, MD, FACS, Stanford, CA

R through R-Excel
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Working Session Using Excel, R-Excel
Paul M. Maggio, MD, FACS, Stanford, CA
Peter J. Fabri, MD, PhD, FACS, Tampa, FL
Harry C. Sax, MD, FACS, FACHE, Los Angeles, CA

Session III
Sunday, 12:30-3:00 pm

Working Lunch
Paul M. Maggio, MD, FACS, Stanford, CA
Harry C. Sax, MD, FACS, FACHE, Los Angeles, CA
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Quality Management—LEAN
Harry C. Sax, MD, FACS, FACHE, Los Angeles, CA

Quality Management—Six Sigma
Paul M. Maggio, MD, FACS, Stanford, CA

Session IV
Sunday, 3:15-4:30 pm

Assumptions of Analytical Methods
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Assessing Cause and Effect
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Summary
Peter J. Fabri, MD, PhD, FACS, Tampa, FL

Sponsored by the Committee on Emerging Surgical Technology and Education

DEC10 | Challenges in General Surgery Coding and Reimbursement: 2016 Advanced Coding Workshop

TRACKS: HP, GEN

6 credits, Verification Level II
Monday, October 17; 9:45 am-5:15 pm

LOCATION: 140

CHAIR: Mark T. Savarise, MD, FACS, *South Jordan, UT*
CO-CHAIR: Christopher K. Senkowski, MD, FACS, *Savannah, GA*

This course offers an in-depth focus on evaluation and management (E/M) services. This course will cover how to identify and document the appropriate level of service and also will cover reimbursement issues including ways to expedite reimbursement with fewer denials by understanding the billing rules. In addition, the course will address Current Procedure Terminology (CPT), Health Care Common Procedure Coding System (HCPCS), modifiers, and the surgical global package. Learning objectives include: effectively incorporate 2016 CPT code changes and guidelines into practice, describe how CPT rules and Medicare rules differ and how this affects coding and billing, define

modifiers: how they are used and how they affect reimbursement, and identify coding guidelines for the most common procedures performed by general surgeons.

Session I
Monday, 9:45-11:45 am

The Global Surgical Package
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Surgeon Role Modifiers
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Session II
Monday, 12:00 noon-2:00 pm

Same-Day Surgical Procedure Modifiers
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Surgical Services Performed during the Global Surgical Period
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Central Venous Catheter Basics
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

2016 Breast Coding
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Colorectal
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Session III
Monday, 3:00-3:45 pm

Hernia Surgery Overview
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Appendix Surgery Overview
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Session IV
Monday, 4:00-5:15 pm

Gall Bladder Surgery and Liver Coding
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Trauma Coding Highlights
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Integumentary Coding: Do's and Don'ts
Teresa Romano, RN, MBA, CPC, CMDP, Arlington Heights, IL

Sponsored by the General Surgery Coding and Reimbursement Committee

DEC11 | General Surgery Review Course (Two-Day Course)

TRACK: GEN, ETH

12 credits, Verification Level II

Monday, October 17; 10:00 am–5:00 pm
Part I: 5 Sessions

Tuesday, October 18; 8:00 am–4:00 pm
Part II: 3 Sessions

LOCATION: 147

CHAIR: Laura J. Moore, MD, FACS, *Houston, TX*
CO-CHAIR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

This two-day course will provide a concise review of a majority of the essential content areas in general surgery. The course will help surgeons comply with Maintenance of Certification requirements and help guide their preparation for recertification examinations. A distinguished faculty will use an interactive case-based format that will cover the core elements of general surgery including abdomen, trauma, critical care, breast, endocrine, vascular, and perioperative care. Questions will be available for review by participants before the course. During the course, an interactive audience response system will be used, and following the audience response system, the correct answer will be discussed by the faculty. At the conclusion of the course, participants will receive a syllabus with all questions, answers, supporting discussions, and a bibliography.

PART I

Session I: Benign Abdomen
Monday, 10:00-11:40 am

MODERATOR: Lillian S. Kao, MD, MS, FACS, *Houston, TX*

Hepatobiliary
Lillian S. Kao, MD, MS, FACS, Houston, TX

Pancreas
O. Joe Hines, MD, FACS, Los Angeles, CA

Hernia
Mike K. Liang, MD, FACS, Houston, TX

Esophagus
Marco G. Patti, MD, FACS, Chicago, IL

Bowel Obstruction
Clifford Y. Ko, MD, MSHS, FACS, Chicago, IL

Session II: Malignant Abdomen
Monday, 12:40-2:20 pm

MODERATOR: Thomas A. Aloia, MD, FACS, *Houston, TX*

Esophagogastric
Mark W. Onaitis, MD, Durham, NC

Gastrointestinal Stromal Tumors (GIST) and Carcinoid
Michael G. House, MD, FACS, Indianapolis, IN

Hepatobiliary
Thomas A. Aloia, MD, FACS, Houston, TX

Colorectal
Bridget N. Fahy, MD, FACS, Albuquerque, NM

Pancreas
Nicholas J. Zyromski, MD, FACS, Indianapolis, IN

Session III: Breast
Monday, 2:30-3:40 pm

MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Benign Breast Disease, Genetic Risk
Elisa R. Port, MD, FACS, New York, NY

Breast Cancer
Judy C. Boughey, MB, BChir, FACS, Rochester, MN

Session IV: Endocrine
Monday, 3:50-4:15 pm

MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Thyroid and Parathyroid
Melanie L. Richards, MD, MHPE, FACS, Rochester, MN

Session V: Vascular
Monday, 4:15-5:00 pm

MODERATOR: Laura J. Moore, MD, FACS, *Houston, TX*

Arteriovenous (AV) Access
Melanie Hoehn, MD, Baltimore, MD

Mesentric Ischemia
Melanie Hoehn, MD, Baltimore, MD

Acute Limb Ischemia
Melanie Hoehn, MD, Baltimore, MD

Vascular Trauma
Melanie Hoehn, MD, Baltimore, MD

PART II

Session I: Trauma
Tuesday, 8:00-9:50 am

MODERATOR: Laura J. Moore, MD, FACS, *Houston, TX*

Resuscitation, Blood Products, and Traumatic Brain Injury
Susan E. Rowell, MD, MCR, FACS, Portland, OR

Neck and Chest Trauma
Stephanie D. Gordy, MD, FACS, Houston, TX

Abdomen, Pelvis, and Extremity Trauma
Laura J. Moore, MD, FACS, Houston, TX

Session II: Critical Care
Tuesday, 10:10 am-12:00 noon

MODERATOR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Acute Lung Injury
Jasmeet S. Paul, MD, FACS, Albuquerque, NM

Cardiac Critical Care
Keely L. Buesing, MD, FACS, Omaha, NE

Sepsis
Panna A. Codner, MD, FACS, Milwaukee, WI

Nutrition
Panna A. Codner, MD, FACS, Milwaukee, WI

Session III: Perioperative Care
Tuesday, 1:00-4:00 pm

MODERATOR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Gastrointestinal (GI) Issues and Prophylaxis
Travis P. Webb, MD, MHPE, FACS, Milwaukee, WI

Venous Thromboembolic Disease and Novel Anticoagulants
Bryan A. Cotton, MD, MPH, FACS, Houston, TX

Antibiotic Use
Travis P. Webb, MD, MHPE, FACS, Milwaukee, WI

Wound Care
Jasmeet S. Paul, MD, FACS, Albuquerque, NM

Pain Management
Keely L. Buesing, MD, FACS, Omaha, NE

Medical Ethics
Travis P. Webb, MD, MHPE, FACS, Milwaukee, WI

Sponsored by the Division of Education

DEC12 | How Do I Get My Hospital Verified As a Children's Surgical Center?

TRACKS: EDU, PED

4 credits, Verification Level II
Monday, October 17; 10:00 am-2:15 pm

LOCATION: 151B

CHAIR: Keith T. Oldham, MD, FACS, *Milwaukee, WI*
CO-CHAIR: Mary E. Fallat, MD, FACS, *Louisville, KY*

The ACS has launched a new verification program for centers providing surgical care to children. Optimal resources have been outlined for achievement of Level I, II, and III status. Free-standing children's hospitals, children's hospitals within a hospital, and ambulatory surgical facilities may go through the verification process. Inherent to the program is the establishment of performance improvement (PI) programs including the Pediatric National Surgical Quality Improvement Program (NSQIP®) model for pediatric surgery and the surgical subspecialties. This course will educate surgeons, anesthesiologists, advance practice nurses, and administrators regarding elements of site visit preparation including administrative authority, how to create an adequate pediatric injury prevention (PIPS) program, and effective use of Pediatric NSQIP data for PI and loop closure. This course will complement but not compete with the 2016 Pediatric Surgery Day program.

Session I
Monday, 10:00-11:40 am

Introduction and History of Program
Keith T. Oldham, MD, FACS, Milwaukee, WI

Standards (Except Quality Improvement (QI) Standards) and Pre-review Questionnaire (PRQ)—Levels I, II, III and Ambulatory
Ronald B. Hirschl, MD, FACS, Ann Arbor, MI

Data Collection
Douglas C. Barnhart, MD, MSPH, FACS, Salt Lake City, UT

Overview and Related QI Standards
Robert S. Sawin, MD, FACS, Seattle, WA

How We Did This at Texas Children's Hospital
Thomas G. Luerssen, MD, FACS, Houston, TX

Session II
Monday, 11:55 am-2:15 pm

Verification—Surgeon
Mary E. Fallat, MD, FACS, Louisville, KY

Verification—Anesthesiologist
Constance S. Houck, MD, Boston, MA

Surgical Program Manager
Cinda Werner, MS, RN, Milwaukee, WI

Questions and Answers

Sponsored by the Advisory Council for Pediatric Surgery and the Program Committee

DEC13 | Wound Care: Mentoring the Mentors

TRACKS: GEN, TRA

4 credits, Verification Level II
Monday, October 17; 1:00-5:15 pm

LOCATION: 151A

CHAIR: John C. Lantis, MD, FACS, *New York, NY*
CO-CHAIR: Richard Simman, MD, FACS, *Miamisburg, OH*

The objective of this course is to understand the etiology, distribution, and best practice guidelines for treatment of wounds as they occur in the U.S. The course will divide wound care by etiology of the wound, and pursue the best evidence supporting current diagnosis and treatment of the categories. Practical application of these algorithms will be discussed, including implementation, cost effectiveness, and dissemination to the mentors' facility staff. The final goal will be that the mentor returns to their parent institution with their current fund of knowledge supported and enhanced while armed with the tools to disseminate evidence-supported plans of care.

Session I
Monday, 1:00-3:00 pm

Wound Etiology and Care
John C. Lantis, MD, FACS, New York, NY

Are Best Clinical Practice Guidelines Worth Following?
Richard Simman, MD, FACS, Miamisburg, OH

The Role for Debridement in the Chronic Wound Space
Robert S. Kirsner, MD, PhD, Miami, FL

Postsurgical Wounds
Terry A. Treadwell, MD, FACS, Montgomery, AL

Pressure Wounds
Richard Simman, MD, FACS, Miamisburg, OH

Venous Leg Ulcer
Mark D. Iafrati, MD, FACS, Boston, MA

Session II
Monday, 3:15-5:15 pm

Diabetic Foot Ulcer
Ian Gordon, MD, FACS, Long Beach, CA

Arterial, Amputations, and Mixed Etiology Ulcers
Mark D. Iafrati, MD, FACS, Boston, MA

Vasculitis and Other Chronic Medical Diseases
Robert S. Kirsner, MD, PhD, Miami, FL

The Role and Cost of Bioactive Tissues
Terry A. Treadwell, MD, FACS, Montgomery, AL

Implementing Algorithms
John C. Lantis, MD, FACS, New York, NY

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

DEC14 | Prehabilitation and Enhanced Recovery

TRACKS: CRS, GEN, GER

4 credits, Verification Level II
Tuesday, October 18; 8:30 am-12:45 pm

LOCATION: 151A

CHAIR: Michael E. Zenilman, MD, FACS, *Bethesda, MD*
CO-CHAIR: Marcovalerio Melis, MD, FACS, *New York, NY*

This session will review how various evidence-based interventions can be implemented before, during, and after surgery to reduce surgical stress response and achieve optimal patient recovery for major abdominal surgery. The panelists will give pragmatic advice on how different modalities (preoperative risk-assessment, surgery, anesthesia, nutrition, early mobilization and feeding) may be integrated in critical pathways for surgical procedures. The discussion will focus on preoperative counseling (for example, geriatric assessment and incorporation of the ACS Surgical Risk Calculator), management of patient's expectations, barriers to implementation of fast-track protocols, and limitations of enhanced recovery pathways. The discussion will also address the role of a surgeon champion to engage physician, nursing, and ancillary hospital staff to create cultural system-level changes.

MODERATORS:
Michael E. Zenilman, MD, FACS, *Bethesda, MD*
Marcovalerio Melis, MD, FACS, *New York, NY*

Session I: Preoperative Habilitation
Tuesday, 8:30-9:30 am

Enhanced Recovery After Surgery (ERAS): Which Components, If Any, Impact the Systemic Inflammatory Response after Surgery?
Michael F. McGee, MD, FACS, FASCRS, Chicago, IL

Preoperative Preparation: Risk-Assessment, Patient Education, and Physical Conditioning
Michael J. Englesbe, MD, Ann Arbor, MI

The Hours Before Surgery: Role of Nutrition, Glycemic Load, Bowel Preparation. A Paradigm Shift
Alessandro Fichera, MD, FACS, Seattle, WA

Engaging Patients to Enhance Recovery
Liane S. Feldman, MD, FACS, FRCS, Montreal, QC

Session II: Intraoperative Management for Expedited Postoperative Recovery
Tuesday, 9:30-10:30 am

Role of the Anesthesiologist in Expedited Postoperative Recovery
Jason Rose, MD, Washington, DC

Intraoperative Fluid Management and Postoperative Outcomes
Christopher Wu, MD, Baltimore, MD

Drain and Tubes: Friends and Foes?
Jeffrey M. Farma, MD, FACS, Philadelphia, PA

Laparoscopic vs. Open Surgery: Does It Make a Difference?
Paresh C. Shah, MD, FACS, New York, NY

Session III: Postoperative Recovery
Tuesday, 10:45-11:45 am

Early Feedings: Risks and Benefits
Hadley K. H. Wesson, MD, Columbia, MD

Multidisciplinary Approach to Control of Postoperative Pain
Julie K. Marosky Thacker, MD, FACS, FASCRS, Durham, NC

Clinical Pathways and Enhanced Recovery
Toyooki Sonoda, MD, FACS, FASCRS, New York, NY

Effects of Fast-Tracking on Hospital Readmissions and Reducing Costs
Melanie Morris, MD, Birmingham, AL

Session IV: Putting it All Together
Tuesday, 11:45 am-12:45 pm

Overcoming Barriers to Implementation of Fast-Track Clinical Pathways
Martin G. Paul, MD, FACS, Washington, DC

Fast-Track Protocols and Reduction of Racial Disparities
Daniel I. Chu, MD, FACS, Somerville, MA

ERAS in the Elderly: Does it Work?
Jason M. Johanning, MD, FACS, Omaha, NE

Using National Surgical Quality Improvement Program to Develop an Enhanced Recovery Program: A Success Story
Elizabeth C. Wick, MD, FACS, Baltimore, MD

Sponsored by the Patient Education Committee and the Committee on Perioperative Care

DEC15 | Thyroid and Parathyroid Ultrasound in Practice: Improving Interpretation, Expanding Application

TRACKS: GEN, OTO

4 credits, Verification Level II
Tuesday, October 18; 9:00 am-1:15 pm

LOCATION: 103B

CHAIR: Kresimira M. Milas, MD, FACS, *Phoenix, AZ*
CO-CHAIR: Lisa A. Orloff, MD, FACS, *Stanford, CA*

This course will discuss the advanced concepts pertaining to the sonographic evaluation, diagnosis, and treatment of thyroid and parathyroid disorders. The ACS has for many years provided education and hands-on skills courses in thyroid and parathyroid ultrasonography. A growing number of surgeons have received training in the fundamentals and basic use of ultrasonography in clinical practice. In the interest of continuing education and to help clinicians take their ultrasound skills to a higher level with confidence, the objectives of this course include (1) review of strategies for interpretation of ultrasound images and diagnostic challenges; (2) familiarization with innovations and interventional procedures using ultrasound; and (3) provision of continuing medical education credit required for surgeons who wish to apply for ultrasound accreditation. Instruction in pattern recognition and thyroid nodule risk of malignancy assessment, dynamic maneuvers such as laryngeal ultrasound, and real case studies including correlation of ultrasound findings with surgical outcomes will enhance the participants' practical application of thyroid and parathyroid ultrasonography.

MODERATORS:
Kresimira M. Milas, MD, FACS, *Phoenix, AZ*
Lisa A. Orloff, MD, FACS, *Stanford, CA*

Session I
Tuesday, 9:00-10:45 am

Welcome and Introduction of Faculty
Kresimira M. Milas, MD, FACS, Phoenix, AZ

Thyroid and Parathyroid Ultrasound: Pre-Test
Peter J. Mazzaglia, MD, FACS, Westport, MA

Diffuse Thyroid Disease and Thyroiditis
Mark Lupo, MD, FACE, ECNU, Sarasota, FL

Thyroid Nodule: High Risk of Malignancy Patterns
William B. Armstrong, MD, FACS, Orange, CA

Lymph Node Evaluation for Thyroid Cancer
Marlon Guerrero, MD, FACS, Tucson, AZ

Session II
Tuesday, 11:00 am-1:15 pm

Parathyroid Ultrasound: Single Adenoma vs. Multi-Gland Hyperplasia Patterns
Sareh Parangi, MD, FACS, Boston, MA

Laryngeal Ultrasound
Denise Carneiro-Pla, MD, FACS, Charleston, SC

Case Scenarios: Benign Thyroid and Parathyroid Disease
Kresimira M. Milas, MD, FACS, Phoenix, AZ
Stacey Klyn, DO, Phoenix, AZ

Case Scenarios: Thyroid Cancer and Challenging Scenarios
Lisa A. Orloff, MD, FACS, Stanford, CA

Wrapping It Up: Posttest
Kresimira M. Milas, MD, FACS, Phoenix, AZ

Sponsored by the National Ultrasound Faculty and Advisory Council for Otolaryngology-Head and Neck Surgery

DEC16 | Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties (PM)

TRACKS: EDU, GEN

4 credits, Verification Level II
Wednesday, October 19; 8:00 am-12:15 pm

LOCATION: 151A

CHAIR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*
CO-CHAIR: Robert R. Bahnson, MD, FACS, *Columbus, OH*

The surgical fundamentals are competencies that are common to all the surgical subspecialties, and are tested during the Maintenance of Certification recertification process. They include topics such as: emergency airway management, deep vein thrombosis prophylaxis, post-op management including myocardial infarction recognition, conscious sedation, treatment of anaphylaxis, blood conservation, pain management, and patient safety issues, to name a few. This course brings subject matter experts to educate surgeons from all the subspecialties on these topics, with an emphasis

on preparation for Maintenance of Certification specific to these fundamental competencies. This is a one-stop shop for you to quickly get up to speed through a refresher course for all these areas.

MODERATORS:
Robert R. Lorenz, MD, FACS, *Cleveland, OH*
Robert R. Bahnson, MD, FACS, *Columbus, OH*

Session I
Wednesday, 8:00-9:55 am

Introduction
Robert R. Lorenz, MD, FACS, Cleveland, OH

Postoperative Pain Management
James B. Ray, PharmD, CPE, Iowa City, IA

Anesthesia and Conscious Sedation
Joshua L. Lumbley, MD, Columbus, OH

Perioperative Airway Management
Paul W. Flint, MD, FACS, Portland, OR

Session II
Wednesday, 10:10 am-12:15 pm

Perioperative Medical Management
Kurt Pfeifer, MD, FACP, FHM, Milwaukee, WI

Patient Safety in Surgery
Samuel R. G. Finlayson, MD, FACS, MPH, Salt Lake City, UT

Perioperative Anticoagulation
Mark M. Levy, MD, FACS, Richmond, VA

Questions and Answers
Robert R. Bahnson, MD, FACS, Columbus, OH

Sponsored by the Division of Education

DEC17 | Annual Update in Surgical Critical Care

TRACK: TRA

8 credits, Verification Level II
Wednesday, October 19; 8:00 am-5:30 pm

LOCATION: 151B

CHAIR: William G. Cioffi, MD, FACS, *Providence, RI*
CO-CHAIR: Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

The field of surgical critical care is undergoing rapid change. The purpose of this session is to provide a succinct, practical review of the major changes that should be integrated into the practice of those that attend this session. This will be a fast-paced review of the relevant changes to critical care practices that have occurred over the last year. Experts in the field will review the literature and provide tips and tricks for implementing these changes into practice.

MODERATOR: William G. Cioffi, MD, FACS, *Providence, RI*

Session I
8:00-10:15 am

Introduction and Welcome
William G. Cioffi, MD, FACS, Providence, RI
Kenji Inaba, MD, FACS, FRCSC, Los Angeles, CA

Pulmonary/Ventilator: Rescue, Salvage, and Extracorporeal Membrane Oxygenation (ECMO)
Samuel A. Tisherman, MD, FACS, Pittsburgh, PA

Cardiovascular (CV) Monitoring: Noninvasive, Pulmonary Artery Catheter (PAC), and echocardiography (ECHO)
William C. Chiu, MD, FACS, Baltimore, MD

Nutrition
Matthew J. Martin, MD, FACS, Tacoma, WA

Neurologic Critical Care and Brain Injury
Deborah M. Stein, MD, MPH, FACS, FCCM, Baltimore, MD

Session II
10:30 am-12:30 pm

Post-Transplant and Immunology
Chad G. Ball, MD, FRCSC, Calgary, AB

Infections
Joseph Cuschieri, MD, FACS, Seattle, WA

Resuscitation: Blood Product Support and Fluids
Bryan A. Cotton, MD, FACS, MPH, Houston, TX

Cardiovascular Support
Michael C. Chang, MD, FACS, Winston-Salem, NC

Session III
1:30-3:30 pm

Prevention: Infection, Venous Thromboembolism (VTE), and Gastrointestinal (GI) Bleeding
Carlos V. R. Brown, MD, FACS, Austin, TX

Endocrine and Electrolytes
Karen J. Brasel, MD, FACS, Portland, OR

Renal Support
Hasan B. Alam, MD, FACS, Ann Arbor, MI

Pediatric Trauma
Kelly M. Austin, MD, FACS, Pittsburgh, PA

Session IV
3:45-5:15 pm

Hematology
David A. Spain, MD, FACS, Stanford, CA

Pharmacology, Toxicology, and Poisonings
Charles A. Adams, Jr., MD, FACS, FCCM, Providence, RI

Thermal Injury
David T. Harrington, MD, FACS, Providence, RI

Billing and Coding
Samir M. Fakhry, MD, FACS, Charleston, SC

Sponsored by the Committee on Trauma

DEC18 | Innovation and Invention in Surgery

E

TRACKS: EDU, HP

6 credits, Verification Level II
Wednesday, October 19; 8:30 am-4:00 pm

LOCATION: 103A

CHAIR: T. Forcht Dagi, MD, DMedSc, DHC, MPH, FACS, FAANS, FCCM, FRCSEd, *Newton Centre, MA*
CO-CHAIR: Raphael Bueno, MD, FACS, *Boston, MA*

The course will outline the process of developing, protecting, funding, and commercializing innovations and inventions in surgery. Learning objectives include recognition and formulation of market opportunities; developing business plans; obtaining funding; market sizing; intellectual property, regulatory and reimbursement strategies; prototyping; cost-engineering; revenue models; clinical trials; management of conflicts of interest; company formation and governance, including boards and advisors; strategic industry partnerships; distribution models; and exit strategies. The course is an adaptation of material taught in the Biomedical Entrepreneurship Program of the Harvard-Massachusetts Institute of Technology (MIT) Program in Health Sciences and Technology at Harvard Business School.

Session I
Wednesday, 8:30-10:05 am

Overview and Agenda
T. Forcht Dagi, MD, DMedSc, DHC, MPH, FACS, FAANS, FCCM, FRCSEd, Newton Centre, MA

You Have a Great Idea: What to Do Next? Company Formation, Team Building, Governance
T. Forcht Dagi, MD, DMedSc, DHC, MPH, FACS, FAANS, FCCM, FRCSEd, Newton Centre, MA

Discussion—Questions and Answers

Session II
Wednesday, 10:20-11:45 am

Markets, Competition, and Competitiveness: Positioning Your Work for Greatest Value
T. Forcht Dagi, MD, DMedSc, DHC, MPH, FACS, FAANS, FCCM, FRCSEd, Newton Centre, MA

Fundraising
T. Forcht Dagi, MD, DMedSc, DHC, MPH, FACS, FAANS, FCCM, FRCSEd, Newton Centre, MA

Discussion—Questions and Answers

Session III
Wednesday, 12:45-2:30 pm

Intellectual Property Considerations
David J. Dykeman, Esq., Boston, MA

Regulatory Considerations, Clinical Trials, and the Food and Drug Administration (FDA)
T. Forcht Dagi, MD, DMedSc, DHC, MPH, FACS, FAANS, FCCM, FRCSEd, Newton Centre, MA

Session IV
Wednesday, 2:45-4:00 pm

Introducing New Technologies to the Operating Room
Raphael Bueno, MD, FACS, Boston, MA

Learning and Teaching Innovations
Raphael Bueno, MD, FACS, Boston, MA

Closing Remarks
T. Forcht Dagi, MD, DMedSc, DHC, MPH, FACS, FAANS, FCCM, FRCSEd, Newton Centre, MA

Sponsored by the Committee on Emerging Surgical Technology and Education and the Committee on Perioperative Care

Surgical Skills Courses

SSC01 | Advanced Skills Training for Rural Surgeons: Emergency Urology and Vascular Procedures (T)

TRACKS: GEN, RUS, URO, VAS

8 credits, Verification Level III
Saturday, October 15; 8:00 am-5:30 pm

LOCATION: The George Washington University (GWU) Washington Institute of Surgical Education (WISE)

CHAIR: Amy Halverson, MD, FACS, *Chicago, IL*
CO-CHAIR: Adam Deutchman, MD, FACS, *Salmon, ID*

This course will address the scope of practice unique to rural surgeons, who often have to diagnose and manage acute conditions that would be treated by surgical subspecialists in urban areas. Curriculum will include modules on urologic and vascular surgery. The urology portion will cover suprapubic tube insertion, the management of testicular torsion, cystoscopy, and ureteral stent insertion. The vascular module will cover tourniquet and other external hemorrhage control and emergency vascular shunting. It will include the initial management of acute limb ischemia and fasciotomy techniques for the management of lower extremity compartment syndrome. The course content will have online didactic material for knowledge acquisition. The on-site portion of the course will focus on mentored hands-on practice.

Welcome and Introduction
Amy L. Halverson, MD, FACS, Chicago, IL
Adam Deutchman, MD, FACS, Salmon, ID

Evaluation of Scrotal Symptoms
Dennis B. Liu, MD, FACS, Chicago, IL

Cystoscopy and Stent Placement
Stephanie Kielb, MD, Chicago, IL

Urethral Strictures
Krishnan Venkatesan, MD, Washington, DC

Break

Acute Ischemia
Julio C. Vasquez, MD, FACS, Pocatello, ID

Management of Hemorrhage
Mark A. Mattos, MD, Flint, MI

Management of Venous Disease
Sigurd B. Gundersen, III, MD, FACS, La Crosse, WI

Lunch

Hands-On Skills Lab Sessions

HANDS-ON SKILLS STATION INSTRUCTORS: UROLOGY
Stephanie Kielb, MD, Chicago, IL
Dennis B. Liu, MD, FACS, Chicago, IL
Danny R. Robinette, MD, FACS, Fairbanks, AK
Daniel M. Stein, MD, MHS, Washington, DC
Krishnan Venkatesan, MD, Washington, DC

HANDS-ON SKILLS STATION INSTRUCTORS: VASCULAR
Sigurd B. Gundersen III, MD, FACS, La Crosse, WI
James Laredo, MD, PhD, FACS, Reston, VA
Mark A. Mattos, MD, Flint, MI
Julio C. Vasquez, MD, FACS, Pocatello, ID
Paul W. White, MD, FACS, Bethesda, MD

Sponsored by the Advisory Council for Rural Surgery

SSC02 | International Humanitarian Aid Surgery*

TRACKS: GEN, HUM, INT

8 credits, Verification Level III
Sunday, October 16; 8:00 am-5:15 pm

LOCATION: The Val G. Hemming Simulation Center, part of the Uniformed Services University of the Health Sciences (USUHS)

* Bus transportation will be provided to the lab at USUHS.

CHAIR: Sherry M. Wren, MD, FACS, *Palo Alto, CA*
CO-CHAIR: Tamara J. Worlton, MD, FACS, *Silver Spring, MD*
CO-CHAIR: Jennifer M. Gurney, MD, FACS, *Santa Barbara, CA*

This course will help prepare the International Humanitarian Aid Volunteer to function in a low-resource setting for treatment of common surgical conditions. In developing countries the surgical volunteer must truly be a generalist and able to handle a variety of conditions, including obstetrical (OB-GYN) and surgical subspecialties. This course will provide didactic and hands-on skills training in key areas of orthopaedics, general surgery, neurosurgery, plastics, and obstetrics and gynecology.

Note: This course will be held at a government facility. All participants and faculty will be vetted for security clearance in advance.

Advanced registration required.

Transportation provided to USUHS.

Welcome, Introduction, and Case Studies
Sherry M. Wren, MD, FACS, Palo Alto, CA

Hands-On Skills Lab Sessions

Blind Burr Hole for Craniotomy
External Fixation and Traction Pin Management of Basic Fractures
Primary Tissue Repair of Inguinoscrotal Hernias
Hand and Tendon Injury Repair
Burn and Wound Management (Z -Plasty/Rhomboid Flaps/Split Thickness Skin Graft)
Cesarean Section
Procedures to Treat Postpartum Hemorrhage
Emergency Hysterectomy
Dilation/Evacuation/Curettage Treatment of the Uterus
Fetal Delivery Techniques for Abnormal Presentations

HANDS-ON SKILLS STATION INSTRUCTORS
Sherry M. Wren, MD, FACS, Palo Alto, CA
Jennifer M. Gurney, MD, FACS, Santa Barbara, CA
Tamara J. Worlton, MD, FACS, Silver Spring, MD
Jean R. Anderson, MD, Baltimore, MD
MaryAnn Dakkak, MD, Santa Rosa, CA
Jean-Claude D'Alleyrand, MD, Bethesda, MD
Shad Deering, MD, Tacoma, WA
Charlene G. Echague, DO, Bethesda, MD
Allison A.C. Eubanks, MD, Bethesda, MD
Diane Horvath-Cosper, MD, Washington, DC
Robert T. Howard, MD, FACS, Potomac, MD
M. Molly Kern, MD, Bethesda, MD
Booker T. King, MD, San Antonio, TX
David C. Knight, MD, FACS, Middlebury, CT
Shih-Chun Lin, MD, Bethesda, MD
B. Kyle Potter, MD, FACS, Bethesda, MD
Rachel Seay, MD, Cedar Park, TX
Jason M. Souza, MD, Bethesda, MD
Scott M. Tintle, MD, Bethesda, MD

Sponsored by Operation Giving Back

SSC03 | Surgical Endoscopy: Essential Skills for the Gastrointestinal Surgeon

TRACK: GEN

SSC03A: Lecture Only

4 credits, Verification Level II
Sunday, October 16; 8:00 am-12:15 pm

LOCATION: 140

SSC03B: Lecture and Lab

8 credits, Verification Level III
Sunday, October 16; 8:00 am-5:30 pm

LOCATION: Lecture: 140; Lab: Salon GH

CHAIR: John D. Mellinger, MD, FACS, *Springfield, IL*
CO-CHAIR: Brian J. Dunkin, MD, FACS, *Houston, TX*

Therapeutic endoscopy is changing the face of surgery. Gastroesophageal reflux disease (GERD), Barrett's esophagus, achalasia, anastomotic leaks, and intestinal fistulas are all being managed with endoscopic therapies. This course will show participants how to use flexible endoscopy to take better care of surgical patients, both in and out of the operating room. It will also address how the American Board of Surgery (ABS) is working toward retooling the surgical workforce by mandating a curriculum in flexible gastrointestinal (GI) endoscopy with validated metrics of performance for all general surgery residents. A brief summary of energy source knowledge and safety pertinent to the therapeutic endoscopy is included. The hands-on lab will introduce participants to techniques and technologies that can be readily introduced into their practice. These practices include: placing stents, mucosal ablation, endolumenal therapies for GERD, endoscopic suturing, endoscopic mucosal resection, and peroral endoscopic myotomy (POEM).

Session A: Lectures

Welcome and Introduction
John D. Mellinger, MD, FACS, Springfield, IL
Brian J. Dunkin, MD, FACS, Houston, TX

Why Should I Perform Flexible Endoscopy?
Thadeus L. Trus, MD, Lebanon, NH

Patient Preparation and Sedation
Eric M. Pauli, MD, FACS, Hershey, PA

Esophageal Endoscopy
Jose M. Martinez, MD, FACS, Miami, FL

Colonoscopy
Benjamin K. Poulose, MD, MPH, FACS, Nashville, TN

Understanding Energy Sources, Therapeutic Endoscopy, and Safety
Brian J. Dunkin, MD, FACS, Houston, TX

Dilation (Balloon and Bougie)
Jeffrey W. Hazey, MD, FACS, Columbus, OH

Break

Polypectomy
Michael F. McGee, MD, FACS, FASCRS, Chicago, IL

Intraoperative Endoscopy
Robert D. Fanelli, MD, MHA, FACS, FASGE, Sayre, PA

Enteral Access
Bipan Chand, MD, FACS, FASMBS, FASGE, Maywood, IL

Stents
Jeffrey M. Marks, MD, FACS, Cleveland, OH

A Glimpse of the Future of Flexible Endoscopy for Surgeons
Lee L. Swanstrom, MD, FACS, FASGE, FRCSEng(Hon), Portland, OR

Final Question and Answer Session
John D. Mellinger, MD, FACS, Springfield, IL

Session B: Hands-On Skills Workshop (Includes Session A)
Sunday, 12:15-5:30 pm

Lunch (ticket required)

Hands-On Lab Session, 1:15 pm

HANDS-ON SKILLS STATION INSTRUCTORS
John D. Mellinger, MD, FACS, Springfield, IL
Brian J. Dunkin, MD, FACS, Houston, TX
Diya I. Alaedeen, MD, FACS, Cleveland, OH
Jeffrey A. Blatnik, MD, St. Louis, MO
Robert J. Bowles, MD, FACS, Miami, FL
Bipan Chand, MD, FACS, FASMBS, FASGE, Maywood, IL
Robert D. Fanelli, MD, MHA, FACS, FASGE, Sayre, PA
Jeffrey W. Hazey, MD, FACS, Columbus, OH
Jeffrey M. Marks, MD, FACS, Cleveland, OH
Jose M. Martinez, MD, FACS, Miami, FL
Michael F. McGee, MD, FACS, FASCRS, Chicago, IL
Eric M. Pauli, MD, FACS, Hershey, PA
Jonathan P. Pearl, MD, FACS, Baltimore, MD
Jeffrey L. Ponsky, MD, FACS, Cleveland, OH
Charles Youngho Ro, MD, FACS, Joplin, MO
Steven D. Schwaitzberg, MD, FACS, Buffalo, NY
Lee L. Swanstrom, MD, FACS, FASGE, FRCSEng(Hon), Portland, OR
Ezra Teitelbaum, MD, Chicago, IL
Thadeus L. Trus, Lebanon, NH

Sponsored by the Advisory Council for General Surgery

SSC04 | Thyroid, Parathyroid, and Neck Ultrasound

TRACKS: GEN, OTO

7.75 credits, Verification Level III
Sunday, October 16; 8:15 am-5:30 pm

LOCATION: Salon I

CHAIR: Lisa A. Orloff, MD, FACS, *Palo Alto, CA*
CO-CHAIR: Russell B. Smith, MD, FACS, *Omaha, NE*

The objective of this course is to introduce the practicing surgeon to office-based ultrasound examination of the thyroid, parathyroid, and neck for commonly encountered diseases. The distinction of normal from malignant lymphadenopathy is emphasized with a demonstration of the comprehensive examination of lymph node basins in cervical levels I–VI. The technique of ultrasound-guided fine needle aspiration (FNA) of thyroid nodules and lymph nodes are addressed in didactic lecture format. In addition, hands-on skill sessions allow the surgeon to develop techniques to perform diagnostic neck ultrasound. The use of standardized patients allows supervised hands-on experience with transverse and longitudinal ultrasound methods. The techniques of FNA of lesions will be performed using phantom models. Attendees will be instructed in the practical details and hurdles in developing office-based ultrasound.

Prerequisite: Registrants must have completed the *Ultrasound for Surgeons: The Basic Course, Third Edition, Online Course.*

Overview and Discussion of Course Topics
Lisa A. Orloff, MD, FACS, Palo Alto, CA
Russell B. Smith, MD, FACS, Omaha, NE

Principles and Physics of Ultrasonography
Lawrence T. Kim, MD, FACS, Chapel Hill, NC

Scanning Techniques for Head and Neck Ultrasonography
Barbra S. Miller, MD, FACS, Ann Arbor, MI

Ultrasonography of Normal Neck Anatomy
Russell B. Smith, MD, FACS, Omaha, NE

Break

Instructor Demonstration
Lisa A. Orloff, MD, FACS, Palo Alto, CA

Thyroid Ultrasonography
William B. Armstrong, MD, FACS, Orange, CA

Parathyroid Ultrasonography
Cord Sturgeon, MD, FACS, Chicago, IL

Break

Neck Ultrasonography
Kevin T. Brumund, MD, FACS, La Jolla, CA

Interventional Ultrasonography
Lisa A. Orloff, MD, FACS, Palo Alto, CA

Lunch

Integrating Office-Based Ultrasonography into Practice
Joyce J. Shin, MD, FACS, Cleveland, OH

Introduction to the Lab
Lisa A. Orloff, MD, FACS, Palo Alto, CA

Hands-On Skills Lab Session

Module 1: Basic Technical Issues

Module 2: Central Neck Anatomy

Module 3: Lateral Neck Anatomy

Break

Module 4: Lymph Node Evaluation

Module 5: Performance Exam

Module 6: Ultrasound-Guided Fine-Needle Aspiration

HANDS-ON SKILLS STATION INSTRUCTORS
William B. Armstrong, MD, FACS, Orange, CA
Kevin T. Brumund, MD, FACS, La Jolla, CA
Lawrence T. Kim, MD, FACS, Chapel Hill, NC
Barbra S. Miller, MD, FACS, Ann Arbor, MI
Jamie C. Mitchell, MD, FACS, Tampa, FL
Merry E. Sebelik, MD, FACS, Memphis, TN
Joyce J. Shin, MD, FACS, Cleveland, OH
Cord Sturgeon, MD, FACS, Chicago, IL

Sponsored by the National Ultrasound Faculty

SSC14 | Robotic Gastrointestinal Surgery: Program Planning, Approach, and Applications

TRACK: GEN

6 credits, Verification Level II
Sunday, October 16; 9:15 am-4:45 pm

LOCATION: 143BC

CHAIR: Vivian E. Strong, MD, FACS, *New York, NY*
CO-CHAIR: Martin R. Weiser, MD, FACS, *New York, NY*

Robotic surgery is increasingly being applied in many different surgical procedures. It is important that with the introduction of new applications for this technology, safety and efficacy be rigorously evaluated. This course aims to discuss current applications of robotic technology to upper and lower gastrointestinal (GI) surgery. Presentations will emphasize program set-up, including aspects of credentialing, certification, legal exposure, training, safety, quality assurance, and procedure-specific assessment and evaluation of robotic approaches.

Welcome and Introduction
Vivian E. Strong, MD, FACS, New York, NY
Martin R. Weiser, MD, FACS, New York, NY

Part I: Developing a Robotic Program

National Trends for Robotic Surgery
Alessio Pigazzi, MD, FACS, Orange, CA

Making the Financial Argument for the Robot
Vincent Laudone, MD, Hartford, CT

Creating Teams and Getting Started
Herbert J. Zeh III, MD, FACS, Pittsburgh, PA

"Set-Up" for Success: Technical Issues
Michael Patane, PA, New York, NY

What the Lawyer says…
Glenn Dopf, JD, New York, NY

Question and Answer Session

Break

Part II: Upper GI

Nissen, Paraesophageal Hernia, and Chole
Dan E. Azagury, MD, Stanford, CA

Gastrectomy for Cancer
Vivian E. Strong, MD, FACS, New York, NY

Pancreatectomy
Herbert J. Zeh III, MD, FACS, Pittsburgh, PA

Liver Resections
Yuman Fong, MD, FACS, Duarte, CA

Question and Answer Session

Part III: Lower GI

Inflammatory Bowel Disease
Lisa Parry, MD, La Jolla, CA

Diverticulitis
Howard M. Ross, MD, FACS, Philadelphia, PA

Colectomy for Cancer with Intracorporeal Anastomosis
Julio E. Gargia-Aguilar, MD, FACS, New York, NY

Rectal Resection for Cancer
Martin R. Weiser, MD, FACS, New York, NY

Question and Answer Session

Break

Introduction to the Hands-On Skills Session
Vivian E. Strong, MD, FACS, New York, NY

Hands-On Skills Session

Port Placement and Arms

How to Get Out of Trouble

HANDS-ON SKILLS STATION INSTRUCTORS
Dan E. Azagury, MD, Stanford, CA
Yuman Fong, MD, FACS, Duarte, CA
Julio E. Gargia-Aguilar, MD, FACS, New York, NY
Vincent Laudone, MD, Hartford, CT
Lisa Parry, MD, La Jolla, CA
Michael Patane, PA, New York, NY
Alessio Pigazzi, MD, PhD, Orange, CA
Howard M. Ross, MD, FACS, Philadelphia, PA
Herbert J. Zeh III, MD, FACS, Pittsburgh, PA

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SSC05 | Endoscopic Bariatric Techniques: Skills and Strategies for Mastering Primary Endoluminal Procedures and Managing Complications

PtS

TRACK: GEN

6 credits, Verification Level III
Monday, October 17; 10:00 am-5:30 pm

LOCATION: Lecture: 103A; Lab: Salon G

CHAIR: Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
CO-CHAIR: Eric M. Pauli, MD, FACS, *Hershey, PA*

Bariatric procedures and their associated complication management strategies have evolved over the last 10 to

20 years to include flexible endoscopy as a mainstay. This course will define the role of flexible endoscopy as primary endoscopic bariatric therapy and also the endoscopic management of surgical complications related to bariatric surgery. The hands-on session will then expose the participant to these different flexible endoscopic techniques. Participants of this course must have basic flexible endoscopic skills.

Welcome and Introduction
Jeffrey M. Marks, MD, FACS, Cleveland, OH
Eric M. Pauli, MD, FACS, Hershey, PA

Role of Preoperative and Intraoperative Endoscopy in Bariatric Surgery
Robert D. Fanelli, MD, MHA, FACS, FASGE, Sayre, PA

Endoscopic Appearance of Post-Bariatric Surgery Anatomy
Benjamin K. Poulose, MD, MPH, FACS, Nashville, TN

Endoscopic Management of Minor Complications of Bariatric Surgery-Strictures, Bleeding, Food Impaction, Retained Sutures

Endoscopic Management of Major Complications of Bariatric Surgery-Leaks, Staple Line Dehisence, Gastro-Fastric Fistulae
Jeffrey M. Marks, MD, FACS, Cleveland, OH

Management of Banding Complications: Vertical-Banded Gastroplasty (VBG), Laparoscopic Adjustable Gastric Banding (LAGB)
Bipan Chand, MD, FACS, FASMBS, FASGE, Maywood, IL

Primary Bariatric Procedures-Suturing
Natan Zundel, MD, FACS, FASMBS, North Miami Beach, FL

Questions and Panel Discussion

Break

Primary Bariatric Procedures-Space Occupying
Eric M. Pauli, MD, FACS, Hershey, PA

Primary Bariatric Procedures-Malabsorptive
Dean J. Mikami, MD, FACS, Honolulu, HI

Secondary Bariatric Procedures-Anastomotic Reduction, Pouch Reduction
Matthew D. Kroh, MD, FACS, Cleveland, OH

Future Bariatric Endoluminal Therapies
Leena Khaitan, MD, FACS, Chardon, OH

Questions and Panel Discussion

Lunch and Lab Overview

Hands-On Skills Lab Session

HANDS-ON SKILLS STATION INSTRUCTORS
Gina L. Adrales, MD, MPH, FACS, Baltimore, MD
Bipan Chand, MD, FACS, FASMBS, FASGE, Maywood, IL
Robert D. Fanelli, MD, MHA, FACS, FASGE, Sayre, PA
Leena Khaitan, MD, FACS, Chardon, OH
Matthew D. Kroh, MD, FACS, Cleveland, OH
Jose M. Martinez, MD, FACS, Miami, FL
Dean J. Mikami, MD, FACS, Honolulu, HI
Kevin M. Reavis, MD, FACS, Portland, OR
Bryan J. Sandler, MD, FACS, San Diego, CA
Dana A. Telem, MD, FACS, Stony Brook, NY
Natan Zundel, MD, FACS, FASMBS, North Miami Beach, FL

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SSC06 | Interventional Ultrasound Applications for the General Surgeon

TRACKS: GEN, RUS

4 credits, Verification Level III
Monday, October 17; 1:00-5:15 pm

LOCATION: Salon I

CHAIR: Darius S. Francescatti, MD, FACS, *Chicago, IL*
CO-CHAIR: Ellen J. Hagopian, MD, FACS, *Hackensack, NJ*

This course will provide the practicing general surgeon with an introduction to the application of ultrasound in a general surgery practice. The basic principles of ultrasonography will be reviewed with an overview of its use in areas typically encountered by general surgeons. A series of lectures will provide instruction on diagnostic ultrasound in the areas of breast, vascular, and abdominal surgeries. These lectures are the basis for the hands-on skills session, where diagnostic ultrasound in addition to ultrasound-guided procedures will be discussed. Participants will have the opportunity to practice these procedures, such as breast and tumor targeting, drainage of fluid/ascites, and central venous catheter insertion.

Course Introduction and Overview
Darius S. Francescatti, MD, FACS, Chicago, IL
Ellen J. Hagopian, MD, FACS, Hackensack, NJ

The Basics of Ultrasound Physics
Ellen J. Hagopian, MD, FACS, Hackensack, NJ

Breast Ultrasound as an Aid in Both Diagnosis and Treatment
Darius S. Francescatti, MD, FACS, Chicago, IL

Ultrasound in the Neck and the Abdomen: Diagnosis and Techniques
Jose M. Velasco, MD, FACS, Chicago, IL

Vascular Ultrasound Anatomy
Benjamin B. Lind, MD, Skokie, IL

Ultrasound Machine: Functions and Knobology
Ellen J. Hagopian, MD, FACS, Hackensack, NJ

Break

Hands-On Lab Skills Session

HANDS-ON SKILLS STATION INSTRUCTORS:
Edward J. Donahue, MD, MS, FACS, Phoenix, AZ
Benjamin B. Lind, MD, RPVI, Skokie, IL
Omar C. Morcos, MD, Glenview, IL
James V. Pellicane, MD, FACS, Midlothian, VA
Benjamin R. Veenstra, MD, Chicago, IL
Jose M. Velasco, MD, FACS, Chicago, IL

Sponsored by the National Ultrasound Faculty

SSC07 | Advanced Colonoscopy: Polypectomy and Beyond

TRACKS: CRS, GEN, RUS

4 credits, Verification Level III
Monday, October 17; 1:00-5:15 pm

LOCATION: Lecture: 103B; Lab: Salon H

CHAIR: Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*
CO-CHAIR: Emre Gorgun, MD, FACS, FASCRS, *Cleveland, OH*

The last 10 years have brought new advances in advanced endoscopic techniques for polypectomy (for example: endoscopic mucosal resection (EMR), endoscopic submucosal dissection (ESD), and paroscopic-assisted colonoscopic polypectomy), endoluminal management of anastomotic leaks, endoscopically placed stents to relieve colorectal obstruction, and endoluminal suturing. This course, which is designed for general and colorectal surgeons who routinely perform colonoscopy, will discuss each of these methods and review the pertinent data. There will be a hands-on skills lab session after the lectures, during which participants will have the chance to perform ESD in an ex-vivo model and place endoscopic clips as well as become acquainted with colonic stents and endoluminal suturing devices.

Welcome and Introduction
Richard L. Whelan, MD, FACS, FASCRS, New York, NY
Emre Gorgun, MD, FACS, FASCRS, Cleveland, OH

Laparoscopic Facilitated Colonscopic Resection of Large Polyps
Sang W. Lee, MD, FACS, New York, NY

Endoscopic Submucosal Dissection
Emre Gorgun, MD, FACS, FASCRS, Cleveland, OH

Large Flat Polyps—Other Options
Peter W. Marcello, MD, FACS, FASCRS, Burlington, MA

Stenting of Colorectal Strictures
Maher A. Abbas, MD, FACS, FASCRS, Abu Dhabi, UAE

Endoscopic Suturing (Full Thickness)
Sergey Kantsevoy, MD, PhD, Baltimore, MD

Endoscopic Management of Anastomotic Leak
Jeffrey M. Marks, MD, FACS, Cleveland, OH

Break

Introduction to Skills Lab
Richard L. Whelan, MD, FACS, FASCRS, New York, NY

Hands-On Skills Lab Session

HANDS-ON LAB STATION INSTRUCTORS:
Maher A. Abbas, MD, FACS, FASCRS, Abu Dhabi, UAE
Todd D. Francone, MD, MPH, FACS, FASCRS, Burlington, MA
Sergey Kantsevoy, MD, PhD, Baltimore, MD
Sang W. Lee, MD, FACS, Los Angeles, CA
Peter W. Marcello, MD, FACS, FASCRS, Burlington, MA
Matthew G. Mutch, MD, FACS, St. Louis, MO
Marc A. Singer, MD, FACS, Chicago, IL
Toyooki Sonoda, MD, FACS, FASCRS, New York, NY
Sharon L. Stein, MD, FACS, FASCRS, Cleveland, OH
D. Mark Zebley, MD, FACS, FASCRS, Abington, PA

Sponsored by the Advisory Council for Colon and Rectal Surgery

SSC08 | Laparoscopic Inguinal and Ventral Hernia Repair

TRACKS: EDU, GEN

SSC08A: Lecture Only

3.75 credits, Verification Level II
Tuesday, October 18; 8:00-11:45 am

LOCATION: 140

SSC08B: Lecture and Lab

7.5 credits, Verification Level III
Tuesday, October 18; 8:00 am-5:00 pm

LOCATION: Lecture: 140; Lab: Salon G

CHAIR: Carla M. Pugh, MD, PhD, FACS, *Madison, WI*
CO-CHAIR: Michael J. Rosen, MD, FACS, *Solon, OH*

The learning curve for laparoscopic hernia repair is said to be more than 50 cases despite participation in formal training courses. Prior work assessing skills learned in animal- and simulation-based training courses reveals incomplete transfer to live operating room environments. As most courses largely focus on the technical aspects of laparoscopic hernia repair, assessment of cognitive and decision-based approaches is warranted. This course addresses technical and cognitive decisions related to laparoscopic inguinal and incisional hernia repair.

Session A: Lectures

Course Introduction and Overview
Carla M. Pugh, MD, PhD, FACS, Madison, WI
Michael J. Rosen, MD, FACS, Solon, OH

Lecture Series: The Basics—Laparoscopic Incisional Hernia Repair

Laparoscopic Inguinal Hernia Repair: What are the Data?
Andrew T. Bates, MD, Stony Brook, NY

Laparoscopic Transabdominal Preperitoneal (TAPP) Repair: Why I Do It and How
Gina L. Adrales, MD, MPH, FACS, Baltimore, MD

Laparoscopic Totally Extraperitoneal Repair: Why I Do It, and How
Melina C. Vassiliou, MD, FACS, Montreal, QC

Lecture Series: The Basics—Laparoscopic Inguinal Hernia Repair

Fundamental Principles of Laparoscopic Incisional Hernia Repair
Adrian E. Park, MD, FACS, FRCSC, FCS(ECSA), Annapolis, MD

Laparoscopic Transversus Abdominis Release
Igor Belyansky, MD, FACS, Annapolis, MD

The Value of Social Media
Brian P. Jacob, MD, FACS, New York, NY

Break

Lecture Series: Case Scenarios—Laparoscopic Incisional Hernia Repair

What Do You Do after Recurrence after Posterior Mesh Repair?
John S. Roth, MD, FACS, Lexington, KY

Oops, What Do I Do Now?
Archana Ramaswamy, MD, FACS, Minneapolis, MN

Robotic Ventral Hernia Repair
Conrad Ballecer, MD, FACS, Peoria, AZ

Lecture Series: Case Scenarios—Laparoscopic Inguinal Hernia Repair

Laparoscopic Repair for Recurrence after Previous Open Plug Repair
Michael J. Rosen, MD, FACS, Solon, OH

Laparoscopic Repair of Recurrences after Previous TEP Repair
Jacob A. Greenberg, MD, FACS, Madison, WI

Oops, What Do I Do Now?
William W. Hope, MD, FACS, Wilmington, NC

Question and Answer; Discussion Session

Session B: Hands-On Skills Workshop (Includes Session A)
Tuesday, 11:45 am-5:00 pm

Lunch (ticket required)

Introduction to Hands-On Skills Lab and Station Assignments, 12:45 pm
Carla M. Pugh, MD, PhD, FACS, Madison, WI

Hands-On Skills Lab Session

HANDS-ON LAB STATION INSTRUCTORS:
Robert J. Fitzgibbons, MD, FACS, Omaha, NE
Jacob A. Greenberg, MD, FACS, Madison, WI
William W. Hope, MD, FACS, Wilmington, NC
Dennis R. Klassen, MD, FACS, FRCSC, Halifax, NS
Karl A. LeBlanc, MD, MBA, FACS, Baton Rouge, LA
Brent D. Matthews, MD, FACS, Charlotte, NC
Yuri W. Novitsky, MD, FACS, Cleveland, OH
David W. Overby, MD, FACS, Chapel Hill, NC
Eric M. Pauli, MD, FACS, Hershey, PA
Bruce Ramshaw, MD, FACS, Knoxville, TN
Sergio Roll, MD, PhD, Sao Paulo, Brazil
John S. Roth, MD, FACS, Lexington, KY
Ashley H. Vernon, MD, FACS, Boston, MA
Jin S. Yoo, MD, FACS, Durham, NC

Sponsored by the Committee on Emerging Surgical Technology and Education

SSC09 | Minimally Invasive Laparoscopic Colorectal Surgery*

TRACKS: CRS, GEN

SSC09A: Lecture Only

4 credits, Verification Level II
Tuesday, October 18; 8:00 am-12:15 pm

LOCATION: Lecture: 103A

SSC09B: Lecture and Lab

8 credits, Verification Level III
Tuesday, October 18; 8:00 am-5:45 pm

LOCATION LECTURE: 103A

LOCATION LAB: The George Washington University (GWU) Washington Institute of Surgical Education (WISE)

* Bus transportation will be provided to the lab at GWU following the lectures at the Walter E. Washington Convention Center.

CHAIR: Howard M. Ross, MD, FACS, FASCRS, *Philadelphia, PA*
CO-CHAIR: Sharon L. Stein, MD, FACS, FASCRS, *Cleveland, OH*

Advances in minimally invasive techniques and equipment have permitted safe and more advanced operations to be performed. Laparoscopic resection for colorectal disease is progressively becoming the preferred technique for colectomy for most diseases. The technology continues to progress rapidly. This course is designed to help the participant gain familiarity in the laparoscopic approaches to colectomy with an introduction to the use of robotics.

Session A: Lectures

Welcome and Introduction
Howard M. Ross, MD, FACS, FASCRS, Philadelphia, PA
Sharon L. Stein, MD, FACS, FASCRS, Cleveland, OH

Laparoscopic Right Colectomy
Skandan Shanmugan, MD, Philadelphia, PA

Laparoscopic Sigmoid Colectomy
Anjali S. Kumar, MD, FACS, Washington, DC

Flexures and Transverse Colon
Abe L. Fingerhut, MD, FACS, Poissy, France

Hand-Assisted Technique
David E. Rivadeneira, MD, MBA, FACS, FASCRS, Woodburry, NY

Single-Port Technique
Edward C. Lee, MD, FACS, Albany, NY

Panel Discussion

Break

Laparoscopic Proctectomy
Bradley J. Champagne, MD, FACS, FASCRS, Cleveland, OH

Complications and How to Avoid Them
Vitaliy Y. Poylin, MD, FACS, FASCRS, Boston, MA

Integrating Robotic Surgery
Jorge A. Lagares-Garcia, MD, FACS, Mt. Pleasant, SC

Transanal Minimally Invasive Surgery
Justin A. Maykel, MD, FACS, Worcester, MA

Panel Discussion

Session B: Hands-On Workshop (Includes Session A)
Tuesday, 12:15-5:45 pm

Lunch (ticket required)

Transportation Provided to GWU.

Introduction to the Skills Lab
Howard M. Ross, MD, FACS, FASCRS, Philadelphia, PA

Hands-On Skills Lab Session

HANDS-ON LAB STATION INSTRUCTORS:
Bradley J. Champagne, MD, FACS, FASCRS, Cleveland, OH
Abe L. Fingerhut, MD, FACS, Poissy, France
Anjali Kumar, MD, FACS, Washington, DC
Jorge A. Lagares-Garcia, MD, FACS, Mt. Pleasant, SC

Edward C. Lee, MD, FACS, Albany, NY
Justin A. Maykel, MD, FACS, Worcester, MA
Vitaliy Y. Poylin, MD, FACS, FASCRS, Boston, MA
David E. Rivadeneira, MD, MBA, FACS, FASCRS, Woodbury, NY
Skandan Shanmugan, MD, Philadelphia, PA

Transportation from GWU to Walter E. Washington Convention Center

Sponsored by the Advisory Council for Colon and Rectal Surgery

SSC10 | Endovascular Approaches to Hemorrhage Control and Resuscitation–Integrating BEST™ and ESTARS™

PtS T

TRACKS: GEN, TRA, VAS

Tuesday, October 18; 9:00 am-4:30 pm

LOCATION: Salon I

CHAIR: Megan Brenner, MD, FACS, *Baltimore, MD*
CO-CHAIR: Todd E. Rasmussen, MD, FACS, *Fort Detrick, MD*

This course is the integration of two published training courses Basic Endovascular Skills for Trauma (BEST™) and Endovascular Skills for Trauma and Resuscitative Surgery (ESTARS™) designed to familiarize physicians with the basic endovascular techniques required to perform the maneuver referred to as resuscitative endovascular balloon occlusion of the aorta (REBOA). Preclinical translational investigations have noted the physiologic benefits of REBOA for abdominal and pelvic hemorrhage and shock. Recent case reports and multi-institutional trials have demonstrated safe and effective control of hemorrhage using REBOA in patients with life-threatening hemorrhage below the diaphragm. This skill set can be performed safely in the resuscitation suite using X ray, or in the operating room using fluoroscopy. The advent of the hybrid operating room coupled with the potential benefits of endovascular techniques in the setting of trauma will likely result in an increasing number of patients being diagnosed and treated with catheter-based interventions. Basic pelvic angiography will be also discussed and demonstrated as a potential bridge from REBOA to definitive hemorrhage control.

Introduction and Welcome
Megan Brenner, MD, FACS, Baltimore, MD
Todd E. Rasmussen, MD, FACS, Fort Detrick, MD

History of REBOA and Translational Research
James B. Sampson, MD, FACS, Davis, CA
John Morrison, MD, Glasgow, Scotland

Indications for REBOA, Clinical Case Scenarios, and Clinical Research
Joseph J. DuBose, MD, FACS, FCCM, Davis, CA
Jason D. Pasley, DO, FACS, Baltimore, MD

REBOA: Tools and Technique
Laura J. Moore, MD, FACS, Houston, TX
Lena M. Napolitano, MD, FACS, Ann Arbor, MI

Break

Pelvic Hemorrhage and Angiography
Melanie Hoehn, MD, Baltimore, MD

Open Discussion, Question and Answer Session

Break

Introduction to the Lab
Megan Brenner, MD, FACS, Baltimore, MD
Todd E. Rasmussen, MD, FACS, Fort Detrick, MD

Hands-On Lab Session

HANDS-ON LAB STATION INSTRUCTORS:
Joseph J. DuBose, MD, FACS, FCCM, Davis, CA
Jonathan L. Eliason, MD, FACS, Ann Arbor, MI
Charles J. Fox, MD, FACS, Denver, CO
Melanie Hoehn, MD, Baltimore, MD
Mark A. Mattos, MD, Flint, MI
John Morrison, MD, Glasgow, Scotland
Lena M. Napolitano, MD, FACS, Ann Arbor, MI
Jason D. Pasley, DO, FACS, Baltimore, MD
James B. Sampson, MD, FACS, Davis, CA
Deborah M. Stein, MD, MPH, FACS, FCCM, Baltimore, MD

Sponsored by the Committee on Trauma

SSC11 | Rib Plating

T

TRACKS: GEN,TRA

6 credits, Verification Level III
Wednesday, October 19; 8:30 am-4:00 pm

LOCATION: Salon I

CHAIR: Andrew Doben, MD, FACS, *Springfield, MA*
CO-CHAIR: John Mayberry, MD, FACS, *Boise, ID*

This course consists of a well-balanced didactic and hands-on lab instruction. Nationally recognized faculty experts in open reduction internal fixation (ORIF) of rib fracture will proctor learners in a low faculty-to-learner ratio using state-of-the-art products and techniques. At the conclusion of the course, participants may expect to be well-versed in the subject of rib fracture management; specifically, basic surgical principles, pain control, indications, complications, and technical challenges of rib fracture ORIF.

Welcome
Andrew R. Doben, MD, FACS, Springfield, MA

Course Overview
John C. Mayberry, MD, FACS, Boise, ID

Historical and Literature Review
Fredric M. Pieracci, MD, MPH, FACS, Denver, CO

Acute Indications and Illustrative Cases
Timothy H. Pohlman, MD, FACS, Indianapolis, IN

Chronic Indications and Bone Grafting
Mario Gasparri, MD, FACS, Madison, WI

Complications of Surgical Intervention
Thomas W. White, MD, FACS, Murray, UT

Regional Pain Control
Michael S. Truitt, MD, FACS, Dallas, TX

Break

Question and Answer Session
John Mayberry, MD, FACS, Boise, ID
Andrew Doben, MD, FACS, Springfield, MA

Introduction to the Skills Lab
Andrew Doben, MD, FACS, Springfield, MA

Hands-On Skills Lab Session

HANDS-ON LAB STATION INSTRUCTORS:
Mario Gasparri, MD, FACS, Madison, WI
Fredric M. Pieracci, MD, MPH, FACS, Denver, CO
Timothy H. Pohlman, MD, FACS, Indianapolis, IN
Michael Seth Truitt, MD, FACS, Dallas, TX
Thomas W. White, MD, FACS, Murray, UT

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SSC12 | Bedside Procedures in the Surgical Intensive Care Unit (SICU): What? Why? and How?

PtS

TRACKS: GEN, TRA

6 credits, Verification Level III
Wednesday, October 19; 9:00 am-4:30 pm

LOCATION: Lecture: 103B; Lab: Salon GH

CHAIR: Ali Salim, MD, FACS, *Boston, MA*
CO-CHAIR: Glen H. Tinkoff, MD, FACS, *Newark, DE*

With decreasing access to operating room (OR) time and the difficulties inherent in scheduling procedures for critically ill patients requiring ongoing complex treatments, bedside procedures are a safe, cost-effective alternative that can be scheduled at virtually any time without the need for a time-consuming and labor intensive transfer of the patient that has an inherent potential for an adverse outcome. Several of the most common procedures used at the bedside today will be taught using a combination of didactic lectures as well as hands-on instruction using simulation models. In addition, various common procedures that critical care surgeons should be comfortable with will be reviewed. These procedures include percutaneous tracheostomy, percutaneous endoscopic gastrostomy, fiberoptic bronchoscopy, ultrasound-guided vascular access, and pigtail catheter insertion for pneumothorax and pleural drainage.

Welcome and Introduction
Ali Salim, MD, FACS, Boston, MA
Glen H. Tinkoff, MD, FACS, Newark, DE

Percutaneous Tracheostomy
Carlos V. R. Brown, MD, FACS, Austin, TX

Bronchoscopy/Difficult Airway
Calvin A. Brown III, MD, Boston, MA

Percutaneous Endoscopic Gastrostomy (PEG)
Edward Kelly, MD, FACS, Boston, MA

Break—Move to the Lab Room

Hands-On Lab Session, 10:30 am–12:35 pm

Break—12:35–1:35 pm

Move to Lecture Room for Lectures

Ultrasound-Guided Vascular Access
Matthew J. Martin, MD, FACS, Tacoma, WA

Pigtail Catheter Placement
Bellal Joseph, MD, FACS, Tucson, AZ

Break—Move to Lab Room

Hands-On Lab Skills Session, 2:30–4:30 pm

HANDS-ON SKILLS LAB STATION INSTRUCTORS:
Carlos V. R. Brown, MD, FACS, Austin, TX
Calvin A. Brown III, MD, Boston, MA
Bellal Joseph, MD, FACS, Tucson, AZ
Edward Kelly, MD, FACS, Boston, MA
Matthew J. Martin, MD, FACS, Tacoma, WA
Jack Sava, MD, FACS, Washington, DC

Sponsored by the Committee on Trauma

SSC13 | Oncoplastic Breast Surgery for the General Surgeon

TRACKS: GEN, ONC

7 credits, Verification Level III
Wednesday, October 19; 9:00 am-5:30 pm

LOCATION: The George Washington University (GWU) Washington Institute of Surgical Education (WISE)

CHAIR: Shawna C. Willey, MD, FACS, *Washington, DC*
CO-CHAIR: V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*

This session will cover an up-to-date review of advances in management strategies for patients with breast cancer and comorbidities. The goal of the course is to increase the competencies and performance of health care professionals involved in treating this patient population, which will ultimately improve the quality of life and overall survival of patients with this disease.

Welcome and Introduction
Shawna C. Willey, MD, FACS, Washington, DC
V. Suzanne Klimberg, MD, FACS, Little Rock, AR

Imaging for Oncoplastic Procedures
Patricia L. Clark, MD, FACS, Lockport, IL

Optimizing Cosmetic Outcomes for Breast Excisions
Cary S. Kaufman, MD, FACS, Bellingham, WA

Oncoplastic Techniques for the Upper Hemisphere of the Breast
V. Suzanne Klimberg, MD, FACS, Little Rock, AR

Oncoplastic Techniques for the Lower Hemisphere of the Breast
Jennifer S. Gass, MD, FACS, Providence, RI

Techniques for Reconstructing a Partial Mastectomy
Juliann M. Reiland, MD, FACS, Sioux Falls, SD

Break

Reduction Oncoplasty
Christopher C. Glaser, MD, FACS, Owensboro, KY

Nipple-Sparing Mastectomy
Shawna C. Willey, MD, FACS, Washington, DC

Alternative Mastectomy Patterns
Ronda S. Henry-Tillman, MD, FACS, Little Rock, AR

Closing Remarks and Instructions/Details about Hands-On Lab
V. Suzanne Klimberg, MD, FACS, Little Rock, AR

Lunch

Question and Answer Session

Live Model Marking

Hands-On Skills Lab Session

HANDS-ON SKILLS LAB STATION INSTRUCTORS:
Patricia L. Clark, MD, FACS, Lockport, IL
Jennifer S. Gass, MD, FACS, Providence, RI
Christopher C. Glaser, MD, FACS, Owensboro, KY
Ronda S. Henry-Tillman, MD, FACS, Little Rock, AR
Cary S. Kaufman, MD, FACS, Bellingham, WA
Juliann M. Reiland, MD, FACS, Sioux Falls, SD

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

MEET-THE-EXPERT LUNCHEONS

An informal and nontraditional didactic approach is used to provide exposure to an expert in a focused clinical area in a relaxed atmosphere. These open discussion sessions are without any formal media. Each session offers 1 continuing medical education credit.

Luncheon Fee: $45 (includes lunch, beverage, and informal focus-group discussion with an expert).

Seating capacity is limited. Luncheon tickets may be available for purchase with a credit card either at registration or at the luncheon area.

All luncheons will be held at the Walter E. Washington Convention Center. See room numbers listed below:

Monday, October 17

1:15-2:15 pm

ME101 | Anorectal Surgery

LOCATION: 141
TRACK: CRS
FACILITATED BY: Herand Abcarian, MD, FACS, *Chicago, IL*

ME102 | Complex Abdominal Trauma (T)

LOCATION: 142
TRACKS: GEN, TRA
FACILITATED BY: David V. Feliciano, MD, FACS, *Indianapolis, IN*

ME103 | Critical Issues in Laparoscopic Ventral Hernia Repair (T)

LOCATION: 204A
TRACK: GEN
FACILITATED BY: Karl A. LeBlanc, MD, MBA, FACS, *Baton Rouge, LA*

ME104 | Crohn's Disease: Basic Principles to Steer You Away From Trouble

LOCATION: 158B
TRACK: CRS
FACILITATED BY: Alessandro Fichera, MD, FACS, *Seattle, WA*

ME105 | How to Get Your Research Published

LOCATION: 148
TRACKS: BTR, GEN
FACILITATED BY: Keith D. Lillemoe, MD, FACS, *Boston, MA*

ME106 | How to Mentor a Newly Trained Partner

LOCATION: 159A
TRACKS: EDU, GEN
FACILITATED BY: Julie A. Freischlag, MD, FACS, *Sacramento, CA*

ME107 | Management of Mega Goiters

LOCATION: 159B
TRACK: GEN
FACILITATED BY:
Daniel W. Karakla, MD, FACS, *Norfolk, VA*
Joseph R. Newton, Jr., MD, FACS, *Norfolk, VA*

ME108 | Management of the Axilla in T1 or T2 Breast Cancer

LOCATION: 156
TRACK: ONC
FACILITATED BY: Monica Morrow, MD, FACS, *New York, NY*

ME109 | Medullary Thyroid Carcinoma 101: What Do You Need to Know?

LOCATION: 158A
TRACK: ONC
FACILITATED BY:
Douglas B. Evans, MD, FACS, *Milwaukee, WI*
Tracy S. Wang, MD, FACS, *Milwaukee, WI*

ME110 | Prostate Cancer

LOCATION: 203A
TRACKS: GEN, ONC
FACILITATED BY: Daniel A. Barocas, MD, MPH, FACS, *Nashville, TN*

ME111 | Peritoneal Dialysis Catheters: Correcting Problem Catheters and Planning Placement for Optimal Function

LOCATION: 203B
TRACK: GEN
FACILITATED BY: M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

ME112 | Personalized Medicine for Breast Cancer

LOCATION: 208A
TRACK: ONC
FACILITATED BY: Ingrid M. Meszoely, MD, FACS, *Nashville, TN*

ME113 | The Difficult Gallbladder: Tricks of the Trade (PtS)

LOCATION: 155
TRACK: GEN
FACILITATED BY: Nathaniel J. Soper, MD, FACS, *Chicago, IL*

ME114 | TNM Cancer Staging: Is It Still Relevant?

LOCATION: 208B
TRACK: ONC
FACILITATED BY: David R. Byrd, MD, FACS, *Seattle, WA*

ME115 | Treatment Options for Anal Fissure

LOCATION: 209A

TRACK: CRS
FACILITATED BY: Linda M. Farkas, MD, FACS, *Sacramento, CA*

Tuesday, October 18

11:30 am-12:30 pm

ME201 | Abdominal Compartment Syndrome (PtS) (T)

LOCATION: 158A

TRACK: GEN
FACILITATED BY: Demetrios Demetriades, MD, FACS, *Los Angeles, CA*

ME202 | Advancing the Use of Ultrasound in Acute Care Surgery

LOCATION: 158B

TRACKS: GEN, TRA
FACILITATED BY: Paula Ferrada, MD, FACS, *Richmond, VA*

ME203 | Approaches to Acute Pancreatitis

LOCATION: 159A

TRACK: GEN
FACILITATED BY: Grant E. O'Keefe, MD, FACS, *Seattle, WA*

ME204 | Nonoperative Management of Appendicitis (PtS)

LOCATION: 141

TRACK: GEN
FACILITATED BY: Joseph V. Sakran, MD, FACS, *Charleston, SC*

ME205 | Breast Cancer Management in 2016

LOCATION: 156

TRACK: ONC
FACILITATED BY: Lee G. Wilke, MD, FACS, *Madison, WI*

ME206 | Bundling Payment in Surgical Services

LOCATION: 159B

TRACK: HP
FACILITATED BY: Robert R. Lorenz, MD, FACS, *Cleveland, OH*

ME207 | Clostridium Difficile Colitis: Is It Getting Out of Hand?

LOCATION: 203A

TRACK: CRS
FACILITATED BY: John C. Alverdy, MD, FACS, *Chicago, IL*

ME208 | Fixation of Rib Fractures (T)

LOCATION: 203B

TRACKS: GEN, TRA
FACILITATED BY: Raminder Nirula, MD, FACS, *Salt Lake City, UT*

ME209 | Gastrointestinal Stomal Tumors (GIST)

LOCATION: 142

TRACK: GEN
FACILITATED BY: Ronald P. DeMatteo, MD, FACS, *New York, NY*

ME210 | Laparoscopic Colectomy: Tips and Tricks

LOCATION: 209A

TRACKS: CRS, GEN
FACILITATED BY: Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

ME211 | Maintenance of Certification: Colon and Rectal Surgery

LOCATION: 148

TRACK: CRS
FACILITATED BY: James W. Fleshman, Jr., MD, FACS, *Dallas, TX*

ME212 | Mesh for Hernia Repair: The Good, the Bad, and the Ugly (PtS)

LOCATION: 204A

TRACK: GEN
FACILITATED BY: Brent D. Matthews, MD, FACS, *Charlotte, NC*

ME213 | Minimally Invasive Parathyroidectomy: How I Do It

LOCATION: 208B

TRACK: GEN
FACILITATED BY: Robert Udelsman, MD, FACS, *New Haven, CT*

ME214 | Neuroendocrine Tumors of the Pancreas 101: What Do I Need to Know?

LOCATION: 155

TRACK: GEN
FACILITATED BY: Geoffrey B. Thompson, MD, FACS, *Rochester, MN*

ME215 | Voice Rehabilitation after Recurrent Nerve Injury: How and When to Fix it

LOCATION: 208A

TRACKS: GEN, NEU, OTO
FACILITATED BY: Dennis H. Kraus, MD, FACS, *New York, NY*

Wednesday, October 19

11:30 am-12:30 pm

ME301 | Anal Neoplasia

LOCATION: 158A

TRACK: CRS
FACILITATED BY: Rocco Ricciardi, MD, FACS, FASCRS, *Burlington, MA*

ME302 | Assessing Ocular and Orbital Trauma: What to Do Until the Ophthalmologist Arrives

LOCATION: 158B

TRACK: OPHTHO

FACILITATED BY: James W. Gigantelli, MD, FACS, *Omaha, NE*

ME303 | Evaluation and Management of Pancreatic Cysts

LOCATION: 141

TRACK: GEN

FACILITATED BY: Christian M. Schmidt, MD, FACS, *Indianapolis, IN*

ME304 | Genitourinary Trauma (T)

LOCATION: 159A

TRACKS: TRA, URO

FACILITATED BY: Hunter B. Wessells, MD, FACS, *Seattle, WA*

ME305 | Intrahepatic Cholangiocarcinoma: Update on Treatment Strategies and Clinical Management

LOCATION: 159B

TRACK: ONC

FACILITATED BY: Timothy M. Pawlik, MD, FACS, *Baltimore, MD*

ME306 | Management of Gastroesophageal Junction Perforations and Esophageal Anastomotic Leaks

LOCATION: 156

TRACK: GEN

FACILITATED BY: Richard K. Freeman, MD, FACS, *Indianapolis, IN*

ME307 | Management of Gastroesophageal Reflux Disease (GERD) in the Obese Patient

LOCATION: 203B

TRACK: GEN

FACILITATED BY: Jon C. Gould, MD, FACS, *Milwaukee, WI*

ME308 | Necrotizing Soft-Tissue Infections

LOCATION: 142

TRACK: GEN

FACILITATED BY: Eileen M. Bulger, MD, FACS, *Seattle, WA*

ME309 | New Concepts in Breast Cancer

LOCATION: 148

TRACKS: GEN, ONC

FACILITATED BY: Hiram S. Cody III, MD, FACS, *New York, NY*

ME310 | Barrett's Esophagus

LOCATION: 204A

TRACK: GEN

FACILITATED BY: Daniela Molena, MD, FACS, *New York, NY*

ME311 | Perioperative Airway Management of the Obese Patient (PtS)

LOCATION: 208A

TRACK: GEN

FACILITATED BY:
John T. Sinacori, MD, FACS, *Norfolk, VA*
J. Nicole Georgi, MD, *Virginia Beach, VA*

ME312 | Practical Tips for Thyroidectomy

LOCATION: 155

TRACK: GEN

FACILITATED BY: Michael W. Yeh, MD, FACS, *Los Angeles, CA*

ME313 | Minimally Invasive Treatment for Pancreatic Debridement

LOCATION: 203A

TRACK: GEN

FACILITATED BY: Gary C. Vitale, MD, FACS, *Louisville, KY*

ME314 | Sportsman Hernia: Is It Real?

LOCATION: 209A

TRACK: GEN

FACILITATED BY: L. Michael Brunt, MD, FACS, *St. Louis, MO*

ME315 | Systematic Management of Nodal Disease from Thyroid Cancer

LOCATION: 208B

TRACKS: GEN, ONC

FACILITATED BY: Jeremy L. Freeman, MD, FACS, FRCSC, *Toronto, ON*

PANEL SESSIONS

Sunday, October 16

PS001 | 8:00-4:30 pm
Maintenance of Competency for the Military Surgeon

LOCATION: Marriott Marquis, Washington, DC, Marquis Ballroom Salon 5

TRACKS: GEN, TRA
MODERATOR: CAPT Eric A. Elster, MD, FACS, *Bethesda, MD*
CO-MODERATOR: M. Margaret Knudson, MD, FACS, *San Francisco, CA*

The original Excelsior Surgical Society met for the first time in 1945 at the end of World War II at the Excelsior Hotel in Rome. The Society consisted of surgeons who had been deployed and they met yearly to discuss their experiences until the Society was retired in the 1980s. The meeting consisted of updates from the surgical consultants to the Surgeon Generals of the Army, Navy, and Air Force as well as invited lectures and research presentations by surgical residents from military training programs. The Excelsior Surgical Society is now formalized and will be a permanent entity at the annual ACS meeting. The Society is currently developing a set of bylaws and is in the process of electing leaders and defining membership. At the Clinical Congress 2016 meeting there will be a call for abstracts from military residents, fellows, and junior faculty, expanding to all areas of surgery in addition to trauma. Plans are in place to hold a roundtable discussion to include the Surgical Advisors to the Surgeons Generals, on the topic of sustaining surgical skills in the military after completion of residency/fellowship training.

Introduction and Opening Remarks
CAPT Eric A. Elster, MD, FACS, Bethesda, MD

Maintenance of Surgical Skills
COL Mary J. Edwards, MD, FACS, San Antonio, TX
COL Gregory B. York, MD, FACS, San Antonio, TX
CAPT Craig D. Shepps, MD, FACS, Chesapeake, VA
LT COL E. Matthew Ritter, MD, FACS, Bethesda, MD
Anne G. Rizzo, MD, FACS, Falls Church, VA
Tyler G. Hughes, MD, FACS, McPherson, KS

Committee on Trauma Region 13 Competition
COL Jeffrey A. Bailey, MD, FACS, Bethesda, MD

Informal Lunch Session
COL Mary J. Edwards, MD, FACS, San Antonio, TX
COL Gregory B. York, MD, FACS, San Antonio, TX
CAPT Craig D. Shepps, MD, FACS, Chesapeake, VA

Army Major Johns P. Pryor Lecture
COL (Retired) Norman M. Rich, MD, FACS, Bethesda, MD

Military Surgery Abstract Presentations
COL Robert B. Lim, MD, FACS, Honolulu, HI
CDR Gordon G. Wisbach, MD, FACS, San Diego, CA

Panel Discussion
CAPT Eric A. Elster, MD, FACS, Bethesda, MD

Sponsored by the American College of Surgeons Military Health System Strategic Partnership

PS002 | 3:00-5:30 pm
Resident and Associate Society Symposium: Exploring the Limits of Surgeon Disclosure: Where Are the Boundaries?

LOCATION: Walter E. Washington Convention Center, 145

TRACKS: RES/MED
MODERATOR: L. D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), *Norfolk, VA*

Surgical care has evolved tremendously during the last few decades. Some of the most striking changes have occurred within the physician-patient relationship. In the current environment of increasing health care consumerism, surgical paternalism has been rejected and the traditional boundaries of surgeon-to-patient disclosure have been questioned. Much attention has been directed to the surgeon's perioperative fatigue, the practice of concurrent surgery, and the degree of trainee involvement in surgical cases. Some patient advocates and physicians insist that patients be specifically informed of such details, while many in the surgical community emphasize that the degree of disclosure should be subject to the attending surgeon's judgment. What information is considered relevant to the procedure? Or should the boundaries of disclosure be determined by the operating surgeon's professional assessment and judgment? These questions will be featured and debated at the 2016 RAS-ACS Symposium.

FACILITATOR
William H. Ward, MD, *Portsmouth, VA*

Introduction
L. D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), Norfolk, VA

Pro-Argument: Resident
Reema Mallick, MD, Minneapolis, MN

Pro-Argument: Resident Faculty Presentation
Frederick L. Greene, MD, FACS, Charlotte, NC

Con-Argument: Resident
Christopher F. McNicoll, MD, Las Vegas, NV

Con-Argument: Faculty Presentation
Carlos A. Pellegrini, MD, FACS, FRCSI (Hon),FRCS(Hon), FRCSEd(Hon), Seattle, WA

Sponsored by the Resident and Associate Society

Monday, October 17

PS100 | 9:45-11:15 am
Contemporary Management of the Diabetic Foot

LOCATION: 202A

TRACKS: GEN, ORT, VAS
MODERATOR: Keith L. Wapner, MD, FACS, *Philadelphia, PA*
CO-MODERATOR: Richard F. Neville, MD, FACS, *Washington, DC*

The goals of this course are to present the principles of evaluation, treatment planning, and surgical management of the Diabetic Charcot and Dysvascular Foot and Ankle with the

goal of limb salvage. This course is designed to convey the principles of surgical management of Charcot deformity, re-vascularization, and management of infection directed at the goal of limb salvage. This course will also cover the principles of amputation in the setting of the unsalvageable limb.

Introduction
Keith L. Wapner, MD, FACS, Philadelphia, PA

Orthopaedic Strategies for Limb Salvage in Complex Charcot Deformity
Keith L. Wapner, MD, FACS, Philadelphia, PA

Multidisciplinary Approach to Preservation of the Diabetic Limb
Richard F. Neville, MD, FACS, Washington, DC

Microvascular Salvage of the Diabetic Foot
L. Scott Levin, MD, FACS, Philadelphia, PA

Revascularization of the Diabetic Limb; Endovascular and Open Options
Tareq M. Massimi, MD, McLean, VA

Sponsored by the Advisory Council for Orthopaedic Surgery and the Advisory Council for Vascular Surgery

PS101 | 9:45-11:15 am
Current Practices for the Diagnosis and Treatment of Surgery-Associated Lymphedema

LOCATION: 202B

TRACKS: GEN, ONC, PLA
MODERATOR: Michael S. Bouton, MD, MA, FACS, *Fargo, ND*
CO-MODERATOR: Atilla Soran, MD, MPH, FACS, *Pittsburgh, PA*

This session will focus on current science of prevention, diagnosis, and treatment of lymphedema. Topics will include impedance measurements and multiple dye use, and facts versus fiction of prevention recommendations. In addition, treatments including taping and node transplants will be covered.

Introduction
Michael S. Bouton, MD, MA, FACS, Fargo, ND

Lymphedema Risk Factors
Vahit Ozmen, MD, FACS, Istanbul, Turkey

Nonsurgical Therapies
Lisa G. Mager, MPT, CLT-LANA, WCS, Pittsburgh, PA

Lymphedema Prevention Strategies and Interventions
Atilla Soran, MD, MPH, FACS, Pittsburgh, PA

Surgical Treatments of Lymphedema
David W. Chang, MD, FACS, Chicago, IL

Sponsored by the Committee on Perioperative Care

PS102 | 9:45-11:15 am
Diverticulitis–Anything New in 2016?

LOCATION: Hall D

TRACKS: CRS, GEN, RUS
MODERATOR: Anthony J. Senagore, MD, MBA, FACS, *Galveston, TX*
CO-MODERATOR: Bruce G. Wolff, MD, FACS, *Rochester, MN*

Acute diverticulitis remains a common and challenging surgical disease. The treatment paradigms are changing – What is the proper treatment in 2016? Which patient can be treated as an outpatient and who needs inpatient treatment? What is the role of interventional radiology? How many episodes of diverticulitis or which complications should be followed by surgical resection? Are stents useful? Is there a role for laparoscopic washout with or without diverting ileostomy? All these issues and more will covered by an expert panel.

Introduction
Anthony J. Senagore, MD, MBA, FACS, Galveston, TX

Evaluation and Initial Management of Acute Sigmoid Diverticulitis in 2016
Patricia L. Roberts, MD, FACS, FASCRS, Burlington, MA

Indication for Surgical Management of Acute Sigmoid Diverticulitis
Matthew G. Mutch, MD, FACS, St. Louis, MO

Laparoscopic Approach to Complicated Diverticular
Roberto C. M. Bergamaschi, MD, PhD, FACS, FRCS, FASCRS, Stony Brook, NY

Elective Surgery in Diverticulitis: How Many Attacks Are Too Many?
David R. Flum, MD, MPH, FACS, Seattle, WA

Sponsored by the American College of Surgeons Research Program Education Committee

PS103 | 9:45-11:15 am
Friend or Foe? Understanding the Microbiome in the Surgical Patient

LOCATION: 144

TRACKS: CRS, GEN, TRA
MODERATOR: John C. Alverdy, MD, FACS, *Chicago, IL*
CO-MODERATOR: Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

The emergence and spread of multidrug resistant bacteria present serious challenges to surgeons. These challenges call for more panoramic views of the surgeon's domain to extend from manipulating the patient's microbiome to modifying built environments. Participants will receive updates on efforts directed at ecosystem and patient micro biome engineering including the following: (1) home microbiome study regarding the stability of patient microbiomes and whether patient microbiomes colonize their house or the house's microbiome colonizes the patients; (2) the Hospital Microbiome Project comparing microbial diversity in two hospital built environments: low incidence of bacterial resistance (patient rooms, nursing station, staff, air, water), to higher resistance (intensive care unit room from multiple rounds of wounded patients, U.S. Army hospital); and (3) using beneficial microbes in patient care.

Introduction
John C. Alverdy, MD, FACS, Chicago, IL

Should Probiotics Be Part of the Bowel Preparation?
John M. Morton, MD, MPH, FACS, FASMBS, Stanford, CA

The Hospital Microbiome Project—Its Implication for Surgical Infections
Monika A Krezalek, MD, Chicago, IL

Is There a Place for Fecal Transplants in Surgery?
Michael J. Morowitz, MD, Pittsburgh, PA

Sponsored by the Surgical Research Committee and the Scientific Forum Committee

PS104 | 9:45-11:15 am
Human Papillomavirus (HPV)-Related Cancers: Vaccinate Early, Screen Regularly! What Surgeons Should Know

LOCATION: 206

TRACKS: CRS, ONC, OTO
MODERATOR: Michael G. Moore, MD, FACS, *Indianapolis, IN*
CO-MODERATOR: Maureen A. Killackey, MD, FACS, *New York, NY*

This discussion will provide background on the typical presentation of the three most common human papillomavirus (HPV)-related cancers: oropharyngeal, anal, and genital. In contrast to cervical cancer, which is often identified in the precancerous state by organized screening programs, the prevalence of oropharyngeal and anal cancer have been on the rise. Oropharyngeal cancer in the U.S. has increased in incidence by over 200 percent over the last three decades, with HPV now found in more than 70 percent of these tumors. This trend has significant therapeutic and prognostic implications. A case-based discussion will offer a framework to highlight the approach in management of HPV-related cancers. In addition, current recommendations for HPV vaccination in the U.S., the status of implementation and the importance of provider support for vaccination uptake will be provided.

Introduction
Michael G. Moore, MD, FACS, Indianapolis, IN

Human Papillomavirus (HPV)-Related Oropharyngeal Cancer
Maureen A. Killackey, MD, FACS, New York, NY

Human Papillomavirus (HPV)-Related Oropharyngeal Cancer
Michael G. Moore, MD, FACS, Indianapolis, IN

Sponsored by the Commission on Cancer

PS105 | 9:45-11:15 am
Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2016 Volunteerism and Humanitarian Award Winners

LOCATION: 102

TRACK: HUM
MODERATOR: Francis D. Ferdinand, MD, FACS, *Wynnewood, PA*
CO-MODERATOR: Frank W. Sellke, MD, FACS, *Providence, RI*

This plenary session showcases the 2016 Volunteerism and Humanitarian Award winners who will share insights into their motivation, accomplishments, and lessons learned related to humanitarian surgical outreach. The honorees' stories will be complemented by presentations from other innovators and leaders in surgical outreach to create a robust portrayal of this complex work. Together, they will form the basis for a lively question-and-answer segment at the conclusion of the session.

Introduction
Francis D. Ferdinand, MD, FACS, Wynnewood, PA

Humanitarian Awardee
Rebekah A. Naylor, MD, FACS, Fort Worth, TX

Domestic Volunteerism Awardee
Sandra L. Freiwald, MD, FACS, San Marcos, CA

International Volunteerism Awardees
J. Nilas Young, MD, FACS, Sacramento, CA
James A. O'Neill, Jr., MD, FACS, Nashville, TN

Resident Volunteerism Awardee
Barclay T. Stewart, MD, Beaufort, SC

Sponsored by Operation Giving Back

PS106 | 9:45-11:15 am
Surgical Management of Upper Gastrointestinal Bleeding

LOCATION: Ballroom C

TRACKS: GEN, RUS, TRA
MODERATOR: Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*
CO-MODERATOR: Stephen F. Flaherty, MD, FACS, *Washington, DC*

Panelists bring forward the standard of care in 2016 for acute gastrointestinal bleeding: immediate resuscitation, endoscopy, imaging, interventional radiology, and surgical best practices. Discussion of mundane and difficult patients will highlight best practices for general surgeons in rural, suburban, and inner-city practices.

Introduction
Jeffrey L. Ponsky, MD, FACS, Cleveland, OH

Endoscopy
Jeffrey M. Marks, MD, FACS, Cleveland, OH

Surgical
Brian J. Dunkin, MD, FACS, Houston, TX

Immediate Resuscitation
Matthew L. Moorman, MD, FACS, Highland Heights, OH

Imaging, Interventional Radiology
Baljendra Kapoor, MD, FSIR, Cleveland, OH

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Rural Surgery

PS107 | 9:45-11:15 am
Laparoscopy in Trauma and Acute Care Surgery

LOCATION: Ballroom B

TRACKS: GEN, RUS, TRA
MODERATOR: Stephen L. Barnes, MD, FACS, *Columbia, MO*
CO-MODERATOR: Martin A. Croce, MD, FACS, *Memphis, TN*

This session will be a pro/con session reviewing the advantages/disadvantages of the use of laparoscopy in blunt and penetrating trauma. Speakers will review potential appropriate indications for the use of laparoscopy, challenges to this technology, and data regarding prevalence and outcomes of laparoscopy use in blunt and penetrating trauma.

Introduction
Stephen L. Barnes, MD, FACS, Columbia, MO

Laparoscopy in Blunt and Penetrating Trauma—Effective
Stephen L. Barnes, MD, FACS, Columbia, MO

Laparoscopy in Blunt and Penetrating Trauma—Ineffective
Martin A. Croce, MD, FACS, Memphis, TN

Transitions to the Next Section
Stephen L. Barnes, MD, FACS, Columbia, MO

Laparoscopy in Emergency General Surgery—Effective
Mark L. Shapiro, MD, FACS, Durham, NC

Laparoscopy in Emergency General Surgery—Ineffective
Kimberly A. Davis, MD, MBA, FACS, FOCM, New Haven, CT

Sponsored by the Advisory Council for General Surgery

PS108 |11:30 am-1:00 pm
3-D Printing in Cardiothoracic Surgery: Fad or Transformative?

LOCATION: 202B

TRACKS: BTR, CTS, GEN, VAS
MODERATOR: Shanda H. Blackmon, MD, MPH, FACS, *Rochester, MN*
CO-MODERATOR: Todd L. Demmy, MD, FACS, *New Brunswick, NJ*

This session will review 3-D printing in surgical planning, education, and new tissue and instrument usage in adult cardiac, congenital, and general thoracic surgery. The session will review how to set up a program, partnerships that are needed, and provide examples of novel composite tissue usages, educational curriculum, and procedural planning. It will also discuss realistic future applications.

Introduction
Shanda H. Blackmon, MD, MPH, FACS, Rochester, MN

3-D Printing and Holograms
Todd L. Demmy, MD, FACS, New Brunswick, NJ

3-D Printing the Foregut
Erin A. Gillaspie, MD, Cooperstown, NY

3-D Printing and Simulation
Gustavo S. Oderich, MD, FACS, Rochester, MN

3-D Printing in Multiple Specialties
Jonathan M. Morris, MD, Rochester, MN

Setting up a 3-D Lab
Jane M. Matsumoto, MD, Rochester, MN

Sponsored by the Advisory Council for Cardiothoracic Surgery

PS109 | 11:30 am-1:00 pm
Challenging Emergency Surgery Cases: Lessons from the Experts

LOCATION: Hall D

TRACKS: RUS, TRA
MODERATOR: Jose J. Diaz, MD, FACS, FCCM, *Baltimore, MD*
CO-MODERATOR: Addison K. May, MD, FACS, *Nashville, TN*

Because of the breadth and complexity of emergency surgery, a night on call can present a bewildering array of cases. This session will present a panel of experts with a series of actual cases encountered while on call and elicit how they would manage them. An active audience interactive session will be encouraged (Audience Response System will be used).

Introduction
Jose J. Diaz, MD, FACS, FCCM, Baltimore, MD

Challenging Emergency Surgery Cases: Lessons from the Experts
Jose J. Diaz, MD, FACS, FCCM, Baltimore, MD
Susan Lynn Evans, MD, FACS, Charlotte, NC
Addison K. May, MD, FACS, Nashville, TN
Nathan T. Mowery, MD, FACS, Winston-Salem, NC

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

PS110 |11:30 am-1:00 pm
Complications of Radical Pelvic Surgery

LOCATION: 144

TRACKS: CRS, OBG, URO
MODERATOR: Mark P. Schoenberg, MD, FACS, *Baltimore, MD*
CO-MODERATOR: Martin S. Karpeh, MD, FACS, *New York, NY*

From serious intraoperative genitourinary injury to straightforward urinary retention—be prepared to deal with anything in the pelvis.

Introduction
Mark P. Schoenberg, MD, FACS, Baltimore, MD

Sponsored by the Advisory Council for Urology and the Advisory Council for General Surgery

PS111 |11:30 am-1:00 pm
Cultivating the Next Generation of Surgeon-Scientists

LOCATION: 202A

TRACKS: BTR, EDU, RES-MED
MODERATOR: Ram K. Subramanyan, MB, BS, PhD, FACS, *Glendale, CA*
CO-MODERATOR: Juliet Emamaullee, MD, PhD, *Edmonton, AB*

Significant advances in surgery have been made during the last century, largely due to the tireless efforts of surgeon-scientists who work at the interface between clinical practice and scientific endeavor. During the last decade, the funding environment, combined with increasing clinical demands, have created significant obstacles for the aspiring surgeon-scientist. This session will focus on strategies to identify, support, and mentor young surgeon-scientists early in their career.

Introduction
Ram K. Subramanyan, MB, BS, PhD, FACS, Glendale, CA

Training Surgeon-Scientists
Michael T. Longaker, MD, FACS, Stanford, CA

Institutional Barriers to the Recruitment of Surgeon-Scientists
Jeffrey B. Matthews, MD, FACS, Chicago, IL

Funding Barriers for Surgeon-Scientists
Caprice C. Greenberg, MD, MPH, FACS, Madison, WI

Path to Transition to Independence
Justin Dimick, MD, FACS, Ann Arbor, MI

Path to Transition to Independence
Melina R. Kibbe, MD, FACS, FAHA, Chapel Hill, NC

Sponsored by the Surgical Research Committee and the Young Fellows Association

PS112 |11:30 am-1:00 pm
Hemostatic Resuscitation: Update 2016

LOCATION: Ballroom A

TRACKS: GEN, RUS, TRA
MODERATOR: Mitchell J. Cohen, MD, FACS, *San Francisco, CA*
CO-MODERATOR: Lena M. Napolitano, MD, FACS, *Ann Arbor, MI*

Severely injured patients experiencing hemorrhagic shock often require massive transfusion. Earlier transfusion with higher blood product ratios (plasma, platelets, and red blood cells) has been associated with improved outcomes in some retrospective and prospective cohort studies. The first large multicenter phase three randomized clinical trial, published in *JAMA* in 2015, aimed to determine the effectiveness and safety of transfusing patients with severe trauma and major bleeding using plasma, platelets, and red blood cells in a 1:1:1 ratio vs. a 1:1:2 ratio in severely injured patients who arrived at 12 Level I trauma centers in North America directly from the scene. This session will review data from this important trial and provide additional updates regarding the optimal method for resuscitation of trauma patients with shock.

Introduction
Mitchell J. Cohen, MD, FACS, San Francisco, CA

What Did We Learn from the Pragmatic, Randomized Optimal Platelet and Plasma Ratios (PROPPR) Trial?
Bryan A. Cotton, MD, MPH, FACS, Houston, TX

Laboratory-Guided Trauma Transfusion Strategy: Does It Work?
Sandro B. Rizoli, MD, FACS, Toronto, ON

Precision Medicine Approaches to Hemorrhage/ Resuscitation
Rachael A. Callcut, MD, FACS, MSPH, San Francisco, CA

Sponsored by the Surgical Research Committee and the Advisory Council for General Surgery

PS113 |11:30 am-1:00 pm
Small and Large Bowel Obstruction: Current Management

LOCATION: Ballroom C

TRACKS: CRS, GEN, TRA
MODERATOR: Tonia M. Young-Fadok, MD, MS, FACS, FASCRS, *Phoenix, AZ*
CO-MODERATOR: David A. Spain, MD, FACS, *Stanford, CA*

Acute small and large bowel obstruction remains a common emergency surgical issue. Small bowel obstruction is a management conundrum. Who needs urgent intervention and who should be observed? Is routine use of a Gastrograffin small bowel series now routine? Large bowel obstruction has numerous etiologies including colorectal cancer, volvulus, and diverticular disease. The current techniques for diagnosis and operative and nonoperative management will be discussed.

Introduction
Tonia M. Young-Fadok, MD, MS, FACS, FASCRS, Phoenix, AZ

Small Bowel Obstruction: Choosing Observation vs. Intervention

Management of Colonic Volvulus
Adrian A. Maung, MD, FACS, Woodridge, CT

Benign Colonic Strictures
Matthew F. Kalady, MD, FACS, FASCRS, Cleveland, OH

Obstructing Colon Cancer: Pros and Cons of Stenting
Hermann P. Kessler, MD, PhD, FACS, Beachwood, OH

Obstructing Rectal Cancer
George J. Chang, MD, MS, FACS, FASCRS, Houston, TX

Sponsored by the Advisory Council for General Surgery

PS114 |11:30 am-1:00 pm
Universal Access to Surgery: The Good, the Bad, and the Ugly

LOCATION: Ballroom B

TRACK: GEN, HP, INT
MODERATOR: Charles V. Coren, MD, FACS, *Westbury, NY*
CO-MODERATOR: Jamal J. Hoballah, MD, FACS, *Beirut, Lebanon*

Patient access to high-quality surgical care in the U.S. is dependent upon geography, surgeon availability, and insurance status. As these potential barriers to care are addressed, surgeons may experience significantly higher patient demand, resulting in longer work hours, longer patient wait times for office visits, and potential delays to definitive surgery. Limitations on surgeon subspecialty and the types of procedures one can perform, and perhaps even rationing of resources, may become necessary. This panel discussion will feature surgeons from the U.S. Department of Veterans Affairs (VA) and from several countries with universal health coverage systems who will draw on their experiences to outline approaches to preserving quality and patient satisfaction when economic and other factors no longer restrict patient access to surgical care.

Introduction
Charles V. Coren, MD, FACS, Westbury, NY

Access to Surgical Care, the Canadian Experience
O. N. M. Panton, MB, BS, FACS, Vancouver, BC

Southern California Kaiser Permanente Experience
Daniel D. Klaristenfeld, MD, FACS, FASCRS, San Diego, CA

Access to Surgical Care, the VA Experience
Kamal M.F. Itani, MD, FACS, West Roxbury, MA

Access to Surgical Care, the Public Hospital Experience
Arthur Cooper, MD, FACS, New York, NY

Access to Surgical Care, the Rural Council Experience
Tyler G. Hughes, MD, FACS, McPherson, KS

Universal Access to Surgery
Jamal J. Hoballah, MD, FACS, Beirut, Lebanon

Sponsored by the Board of Governors Chapter Activities International Workgroup and the Board of Governors Surgical Care Delivery Workgroup

PS115 | 11:30 am-1:00 pm
The Lancet Commission on Global Surgery: Evidence and Solutions for Achieving Health, Welfare, and Economic Development

LOCATION: 145

TRACKS: HUM, INT
MODERATOR: John G. Meara, MD, DMD, FACS, *Boston, MA*

Surgical care is a critical component of a comprehensive health care system for all countries at all levels of development. However, billions of people lack access to basic surgical services, resulting in substantial loss of life, welfare, and economic output. To address the crucial need for improvements delivery of surgical care around the world, *The Lancet* Commission on Global Surgery was launched in January 2014 during a major transition period for global health. The Commission's initial finding and recommendations were published in April 2015. These findings and recommendations will be examined during this panel session to generate discussion regarding how U.S. surgeons, surgical trainees, and the ACS can work with the commission to help realize universal access to safe, affordable surgical and anesthesia care.

Introduction
John G. Meara, MD, DMD, FACS, Boston, MA

The Lancet Commission on Global Surgery One-Year Update
Nakul Raykar, MD, MPH, Boston, MA

World Health Organization and National Surgical Planning
Walter D. Johnson, MD, MBA, MPH, FACS, Geneva, Switzerland

Royal Australasian College of Surgeons and Surgical Planning in the Asia/Pacific Region
Philip G. Truskett, MB, BS, FACS, FRACS, FASGBI(Hon), FAICD, Melbourne, Australia

The College of Surgeons of East, Central, and Southern Africa and Workforce Scale Up
Miliard Derbew, MD, FRCS, FCS-ECSA, Addis Ababa, Ethiopia

Sponsored by the International Relations Committee and the Program Committee

PS116 | 2:30-4:00 pm
Acute Surgical Emergencies in Patients with End-Stage Liver or Renal Disease or After Transplant

LOCATION: 201

TRACKS: GEN, TRA
MODERATOR: Seth J. Karp, MD, FACS, *Nashville, TN*
CO-MODERATOR: Richard V. Perez, MD, FACS, *Sacramento, CA*

The number of patients with end-stage organ failure or who received an organ transplant is growing. Although most of these patients will ultimately be cared for in tertiary care hospitals, they will present to local hospitals with surgical emergencies including hernias, appendicitis, bowel obstructions, or perforated viscus. These patients pose a unique set of challenges for general surgeons. This session will focus on providing acute surgical and critical care management to this population. Particular attention will be paid to the peri- and postoperative management of the immunosuppressed patient including medications and minimizing infections, considerations for patients with cirrhosis including management of ascites, portal hypertension, and coagulopathy, and the details of fluid and electrolyte management in patients on dialysis.

Introduction
Seth J. Karp, MD, FACS, Nashville, TN

Richard V. Perez, MD, FACS, Sacramento, CA

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

PS117 | 2:30-4:00 pm
Contemporary Management of Salivary Gland Disease Sialendoscopy and Beyond

LOCATION: 152A

TRACK: GEN, OTO
MODERATOR: David W. Eisele, MD, FACS, *Baltimore, MD*

Surgeons are frequently challenged with the timing of surgery for chronic inflammatory conditions of major salivary glands. Traditional therapy has consisted of timely waiting until severity justified surgical excision. New endoscopic ductal technology has evolved in the last decade which permits surgeons to endoscopically visualize the ducts of diseased salivary glands. Furthermore, new devices have been developed that allow surgeons to endoscopically ablate or retrieve obstructive ductal pathology. In this panel, experts will provide an overview of these contemporary and therapeutic strategies for chronic salivary disorders. Furthermore, video-based cases will be presented to highlight the utility of this new technology.

Introduction
David W. Eisele, MD, FACS, Baltimore, MD

Sialendoscopy Concepts, Set-Up, and Endoscopic Management of Stones
Barry M. Schaitkin, MD, FACS, Pittsburgh, PA

Combined Approach to Submandibular Stones
David M. Cognetti, MD, FACS, Philadelphia, PA

Combined Approach to Parotid Stones
Marion B. Gillespie, MD, FACS, Charleston, SC

Sialendoscopy for Sialadenitis and Ductal Strictures
David W. Eisele, MD, FACS, Baltimore, MD

Interesting Cases
David W. Eisele, MD, FACS, Baltimore, MD

Sponsored by the Advisory Council for Otolaryngology–Head & Neck Surgery

PS118 | 2:30-4:00 pm
Ductal Carcinoma In-Situ: Too Little, Too Big, or Just Right?

LOCATION: Ballroom B

TRACK: GEN, ONC
MODERATOR: Richard J. Bleicher, MD, FACS, *Philadelphia, PA*
CO-MODERATOR: Shubhada M. Dhage, MD, FACS, *New York, NY*

The surgical literature and media continue to apparently contradict themselves in regards to the treatment of ductal carcinoma in-situ (DCIS). In one report we are over-treating this disease but in the next report a lumpectomy and radiation may not be enough. This session will focus on the multidisciplinary management of DCIS in regards to both the absolute and the more controversial indications for different types of radiation, the risk of local recurrence in multifocal versus localized DCIS, and the role of genomic profiling (Oncotype DX) in regards to treatment. It will discuss how these issues are affecting local control and overall survival. The different imaging modalities and their role in both the work-up and subsequent screening studies will be discussed.

Introduction
Richard J. Bleicher, MD, FACS, Philadelphia, PA

Controversies in Managing Ductal Carcinoma In-Situ
Shubhada M. Dhage, MD, FACS, New York, NY

Imaging for Screening, Diagnosis, and Evaluation of Ductal Carcinoma In-Situ
E. Shelley Hwang, MD, MPH, FACS, Durham, NC

Ductal Carcinoma In-Situ: When Is Less More and When Is It Not Enough?
Monica Morrow, MD, FACS, New York, NY

The Role of Radiation Treatment and Genomic Profiling for Ductal Carcinoma In-Situ
Lawrence J. Solin, MD, FACR, FASTRO, Philadelphia, PA

Systemic Strategies for Risk Reduction for Ductal Carcinoma In-Situ
Robert W. Carlson, MD, Fort Washington, PA

Sponsored by the Advisory Council for General Surgery

PS119 | 2:30-4:00 pm
New Initiates Program: Celebrating Diversity, Recognizing Opportunity, and Moving Forward Together

LOCATION: 152B

TRACKS: GEN, RES-MED
MODERATOR: Edie Y. Chan, MD, FACS, *Chicago, IL*
CO-MODERATOR: Maya A. Babu, MD, MBA, *Rochester, MN*

This Young Fellows Association and Resident and Associate Society-sponsored initiates program will focus on the surgical career today. The impressively diverse spectrum of surgical practice that exists today truly allows most with the passion and the thirst to treat surgical disease the privilege to do so. The opportunities moving forward, as a group, for improving surgical care and reducing local, regional, and global surgical burden of disease will also be discussed.

Introduction
Edie Y. Chan, MD, FACS, Chicago, IL

Practice Options for 2016 and Beyond
Maya A. Babu, MD, MBA, Rochester, MN
Hassan B. Alam, MD, FACS, Ann Arbor, MI

Sponsored by the Young Fellows Association and the Resident and Associate Society

PS120 | 2:30-4:00 pm
New Models in Surgical Training

LOCATION: 150

TRACK: RES-MED
MODERATOR: Rebecca M. Minter, MD, FACS, *Dallas, TX*
CO-MODERATOR: Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

The majority of general surgery residents now pursues postgraduate fellowships in subspecialty domains of general surgery, or pursues additional broad-based training in general surgery. Recently, the American Board of Surgery approved a concept of shifting to a four-plus-something model of training, which requires terminal training for all finishing residents. This would incorporate fellowship training formally for all general surgery residents, inclusive of those trainees pursuing general surgery. The American Board of Medical Specialties is also presently considering the willingness to grant formal recognition of fellowship training through its component boards for formal training accredited through non-ACGME pathways. These significant potential changes will alter the landscape of general surgery and subsequent subspecialty postgraduate training. This session will explore the potential models of implementation for these proposed changes.

Introduction
Rebecca M. Minter, MD, FACS, Dallas, TX

The Current State of Residency Redesign
John G. Hunter, MD, FACS, Portland, OR

Flexibility in Surgical Training: What Have We Learned and Where Are We Headed?
Mary E. Klingensmith, MD, FACS, St. Louis, MO

Competency-Based Surgical Training: The Canadian Perspective
Kenneth A. Harris, MD, FACS, FRCSC, Ottawa, ON

Entrustability and Entrustable Professional Activities: What Does It All Mean?
Gurjit Sandhu, PhD, Ann Arbor, MI

Sponsored by the Resident and Associate Society and the Committee on Resident Education

PS121 | 2:30-4:00 pm
Recurrent Inguinal Hernias

LOCATION: Hall D

TRACKS: GEN, GER, RUS
MODERATOR: Benjamin K. Poulose, MD, MPH, FACS, *Nashville, TN*
CO-MODERATOR: Sharon L. Bachman, MD, FACS, *Falls Church, VA*

Despite the advances in hernia repair technique, the problem of the recurrent inguinal hernia persists. This panel will discuss factors that increase the risk of recurrence and discuss techniques for repair. Different strategies for repair of recurrent hernias after a laparoscopic repair that will be discussed and techniques for re-repair after open inguinal hernia repairs will be discussed.

Introduction
Benjamin K. Poulose, MD, MPH, FACS, Nashville, TN

Factors Leading to Inguinal Hernia Recurrence—What Do We Know?
Archana Ramaswamy, MD, FACS, Minneapolis, MN

Dealing with Chronic Pain in the Setting of Recurrent Inguinal Hernia
David Chia-Chang Chen, MD, FACS, Los Angeles, CA

Do Opposites Really Attract? Lap for Open Recurrence and Open for Lap Recurrence
William W. Hope, MD, FACS, Wilmington, NC

Perspectives on Recurrent Inguinal Hernia from a Really Experienced Surgeon
Guy R. Voeller, MD, FACS, Memphis, TN

Sponsored by the Advisory Council for General Surgery

PS122 | 2:30-4:00 pm
Rectal Cancer Commission on Cancer Accreditation Panel 2016

LOCATION: 202B

TRACK: CRS, EDU, INFO
MODERATOR: Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*
CO-MODERATOR: Feza H. Remzi, MD, FACS, FASCRS, FTSS (Hon), *Cleveland, OH*

This session will discuss why accreditation of rectal cancer centers is needed: (1) three decades of European evidence; (2) variability in the outcomes of surgery for rectal cancer in the U.S; (3) how our radiologists can help us to optimize surgical outcomes; (4) how our pathologists can help us optimize surgical outcomes; and (5) the new Commission on Cancer evidence-based standards for accreditation in the perioperative management of rectal cancer.

Introduction
Steven D. Wexner, MD, PhD (Hon), FACS, FRCS, FRCSEd, Weston, FL

Why Accreditation of Rectal Cancer Centers is Needed: Three Decades of European Evidence
John R. T. Monson, MB, BCh, MD, FRCS, FACS, Orlando, FL

Variability in the Outcomes of Surgery for Rectal Cancer in the U.S.
David W. Dietz, MD, FACS, Cleveland, OH

How Our Radiologist Can Help us Optimize Surgical Outcomes
Gina Brown, MD, FRCR, Sutton, Surrey, U.K.

How Our Pathologist Can Help Us Optimize Surgical Outcomes
Mariana Berho, MD, Weston, FL

The New CoC Evidence-Based Standards for Accreditation in the Perioperative Management of Rectal Cancer
David P. Winchester, MD, FACS, Chicago, IL

Sponsored by the Commission on Cancer

PS132 | 2:30-4:00 pm
Achieving Zero Preventable Deaths after Injury: National Academies of Sciences, Engineering and Medicine (NASEM) Report

LOCATION: Ballroom C

TRACK: TRA
MODERATOR: Robert J. Winchell, MD, FACS, *Portland, ME*
CO-MODERATOR: Patrick M. Reilly, MD, FACS, FCCP, *Philadelphia, PA*

This session will review major findings in the National Academies of Sciences, Engineering and Medicine (NASEM) report, released June 2016, and the American College of Surgeons Committee on Trauma response. This session will include an open panel discussion following the review of the report.

Introduction
Robert J. Winchell, MD, FACS, Portland, ME

Prehospital Care
Brian J. Eastridge, MD, FACS, San Antonio, TX

Military Partnership with ACS
M. Margaret Knudson, MD, FACS, San Francisco, CA

Translation of Trauma Systems between Military and Civilian
Donald H. Jenkins, MD, FACS, San Antonio, TX

Readiness Training for Military Trauma Surgeons
Jeffrey A. Bailey, MD, FACS, Bethesda, MD

Trauma Research
Eileen M. Bulger, MD, FACS, Seattle, WA

Sponsored by the Committee on Trauma

PS123 | 2:30-5:45 pm
Latin America Day (Spanish)

LOCATION: 146A

TRACKS: GEN, INT
MODERATOR: Natan Zundel, MD, FACS, FASMBS, *North Miami Beach, FL*
CO-MODERATOR: Samuel Shuchleib, MD, FACS, *Mexico City, Mexico*

This session has been divided into two sections. The first section will be related to bariatric and metabolic surgical procedures, their complications and management, as well as tips and recommendations for the general surgeon. The second half of the session will address how to improve surgery for the difficult gallbladder and frequently encountered common duct problems (stones, stenosis injuries) during surgery. Their diagnosis and resolution by minimally invasive surgery, the combination with intraoperative endoscopy, conversion to open surgery and which procedure to choose, and so on, will also be addressed.

Introduction
Natan Zundel, MD, FACS, FASMBS, North Miami Beach, FL

Abdominal Surgical Problems after Bariatric Procedures
Raul J. Rosenthal, MD, FACS, FASMBS, Weston, FL

Metabolic Surgery: What Is Accepted, Different Procedures, and Differences with Bariatrics
Almino C. Ramos, MD, FACS, Sao Paulo, Brazil

Gastric Sleeve Is the Gold Standard
Andres Hanssen, MD, FACS, Caracas, Venezuela

New Equipment and Technologies for Bariatric Surgery
Samuel Szomstein, MD, FACS, FASMBS, Weston, FL

Management of Acute Cholecystitis on the Critically Ill Patient
Samuel Shuchleib, MD, FACS, Mexico City, Mexico

Laparoscopic Common Duct Exploration (Trans Cystic, Choledochotomy, and Choledochoduodenostomy)
Alberto Chousleb, MD, FACS, Mexico City, Mexico

The Impacted Stone (Combined Laparoscopic and Endoscopic Approach, Drainage of the Biliary Tree and Postoperative Endoscopy? Choledochal Duodenostomy Lap or Open Surgery? Other Possibilities)
Attila Csendes, MD, FACS(Hon), Santiago, Chile

Management of Recognized Biliary Duct Injuries for the General Surgeon: How Far To Go in the Attempt to Repair and Recommendation?
Horacio J. Asbun, MD, FACS, Jacksonville, FL

Sponsored by the Program Committee and Federacion Latinoamericana de Cirugia

PS124 | 4:15-5:45 pm
Colon Cancer: Advances in Screening and Care

LOCATION: Hall D

TRACKS: CRS, GEN, RUS
MODERATOR: Neil H. Hyman, MD, FACS, *Chicago, IL*
CO-MODERATOR: Michael D. Sarap, MD, FACS, *Cambridge, OH*

This panel will examine the advances in surgical and adjuvant management of colon cancer. Has management actually improved or has the care of the colon cancer patient remained stagnant? What affect has colonoscopy had on the incidence of colon cancer in the last 20 years?

Introduction
Neil H. Hyman, MD, FACS, Chicago, IL

Screening for Colon Cancer: Present Status and Future Directions
Nancy N. Baxter, MD, FACS, Toronto, ON

Is Minimally Invasive Colectomy the New Standard of Care for Colon Cancer?
Heidi Nelson, MD, FACS, Rochester, MN

Who Needs Adjuvant Therapy after Curative Resection in the Era of "Personalized Medicine"?
Blase Polite, MD, Chicago, IL

Management of the Patient with Colon Cancer and Synchronous Liver Metastases
George J. Chang, MD, FACS, Houston, TX

Sponsored by the Advisory Council for General Surgery

PS125 | 4:15-5:45 pm
The Gender Gap in Surgery

LOCATION: Ballroom B

TRACKS: EDU, RES-MED
MODERATOR: Kathleen A. LaVorgna, MD, FACS, *Norwalk, CT*
CO-MODERATOR: Marie L. Crandall, MD, MPH, FACS, *Jacksonville, FL*

Despite the societal advances of the last 60 years concerning women's rights, disparities still exist for women in all professions, including medicine and surgery. Women surgeons experience the "gender gap" in training, in the workforce, in leadership positions (both academic and community-based) and in income (less pay for same work product). Women are taught to "lean in," "push back," and "dare"; to "break (your) own rules," and to break the "glass ceiling." A panel of experts representing women in residency, private practice, academic practice, and leadership will explore the gender gap as it exists in our profession with emphasis on: Why do these disparities exist? And as surgeons, what is our role for change?

Concepts Defined
Kathleen A. LaVorgna, MD, FACS, Norwalk, CT

Implications/Strategies in Practice
Marie L. Crandall, MD, MPH, FACS, Jacksonville, FL

Implications/Strategies in Academic Medicine
Barbara L. Bass, MD, FACS, Houston, TX

Implications/Strategies in Academic Medicine
Amelia C. Grover, MD, FACS, Richmond, VA

Implications/Strategies in Organized Medicine
Patricia L. Turner, MD, FACS, Chicago, IL

Sponsored by the Committee on Diversity Issues and the Women in Surgery Committee

PS126 | 4:15-5:45 pm
Getting to the Right Spot: The Role of the Access Surgeon in Spine Surgery

LOCATION: 202B

TRACKS: NEU, ORT, VAS
MODERATOR: Michael A. Golden, MD, FACS, *Philadelphia, PA*
CO-MODERATOR: William C. Welch, MD, FACS, *Philadelphia, PA*

This session will review the various surgical approaches to the spinal column via the thorax, retroperiteneum, and abdomen. Topics to be reviewed include: (1) risk factors for the development of complications; (2) the role of the access surgeon in the preoperative patient selection; and (3) goals of the exposures, common pitfalls, and postoperative management.

Introduction
Michael A. Golden, MD, FACS, Philadelphia, PA

Sponsored by the Advisory Council for Neurological Surgery and the Advisory Council for Vascular Surgery

PS127 | 4:15-5:45 pm
Management of Acute Rib Fractures

LOCATION: Ballroom C

TRACKS: CTS, ORT, TRA
MODERATOR: Andrew R. Doben, MD, FACS, *Springfield, MA*
CO-MODERATOR: Marc A. de Moya, MD, FACS, *Boston, MA*

New technology and data are emerging on how rib fixation may be beneficial to the treatment of traumatic rib fractures, especially in the setting of flail chest and acute mechanical ventilation dependence. This session will review the technology, techniques, and comparative effectiveness data of rib plating and fixation, the indication for their use, and the relevant outcomes and cost-effectiveness data.

Introduction
Andrew R. Doben, MD, FACS, Springfield, MA

All Acute Rib Fractures Should Be Fixed
Fredric M. Pieracci, MD, MPH, FACS, Denver, CO

Only Severe Rib Fractures That Don't Heal Should Be Fixed, the Evidence for Delayed Fixation
John C. Mayberry, MD, FACS, Boise, ID

Complications of Fixation
Thomas W. White, MD, FACS, Murray, UT

Sponsored by the Advisory Council for Cardiothoracic Surgery

PS128 | 4:15-5:45 pm
Management of Hereditary Endocrine Syndromes

LOCATION: 206

TRACKS: GEN, ONC, PED
MODERATOR: Marybeth S. Hughes, MD, FACS, *Bethesda, MD*
CO-MODERATOR: Steven K. Libutti, MD, FACS, *Bronx, NY*

The importance of recognizing a possible hereditary endocrine syndrome at the time of initial diagnosis is key to the appropriate management of these relatively rare disorders, which include multiple endocrine neoplasia I, multiple endocrine neoplasia II, heochromocytoma-paraganglioma syndromes, hereditary forms of hypercalcemia, and familial forms of thyroid cancer. This panel session will highlight pertinent specific points related to the diagnosis and work-up (including genetic counseling and testing), management strategies, surgical approaches, and follow-up of these diverse clinical syndromes.

Introduction
Marybeth S. Hughes, MD, FACS, Bethesda, MD

Janice L. Pasieka, MD, FACS, FRCSC, Calgary, AB
Nancy D. Perrier, MD, FACS, Houston, TX
Gerard M. Doherty, MD, FACS, Boston, MA

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Pediatric Surgery

PS129 | 4:15-5:45 pm
Outpatient Management of Routine Pediatric Surgical Disease: Is it Safe and Feasible?

LOCATION: 201

TRACKS: GEN, PED, RUS
MODERATOR: Cynthia D. Downard, MD, FACS, *Louisville, KY*
CO-MODERATOR: Daniel J. Ledbetter, MD, FACS, *Seattle, WA*

Current management paradigms of common pediatric surgical issues such as intussusception, appendicitis, and cholecystitis frequently have patients admitted for at least 23 hours of observation following their interventions. Mounting evidence suggests that these patients may be managed on an outpatient basis. This panel will discuss current approaches to early discharge for these entities in a point/counterpoint fashion.

Introduction
Cynthia D. Downard, MD, FACS, Louisville, KY

For Outpatient Management of Intussusception
Marjorie J. Arca, MD, FACS, Milwaukee, WI

Against Outpatient Management of Intussusception
John M. Draus, MD, FACS, Lexington, KY

For Outpatient Management of Appendicitis
Nicole M. Chandler, MD, FACS, St. Petersburg, FL

Against Outpatient Management of Appendicitis
Shawn J. Rangel, MD, MSCE, FACS, FAAP, Boston, MA

Sponsored by the Advisory Council for Pediatric Surgery

PS130 | 4:15-5:45 pm
Surgeons as Global Health Ambassadors: Implementing Sustainable Change through Diverse and Collaborative Teams

LOCATION: 207B

TRACKS: HUM, INT
MODERATOR: Mallory Williams, MD, MPH, FACS, *Washington, DC*
CO-MODERATOR: Quyen D. Chu, MD, MBA, FACS, *Shreveport, LA*

Surgeons are leaders in building health care capacity in developing nations throughout the world through strategic relationships, philanthropic support, and a strong sense of moral rightness. The purpose of this panel discussion will be to feature surgeon leaders in well-developed international partnerships to develop and improve infrastructure for health care. The discussion will both educate surgeons on the global burden of surgical disease and introduce these excellent programs as volunteer opportunities while focusing on the team development necessary for their success. A particular emphasis will be on the role of team member diversity in respects to language proficiency, cultural awareness, and regional strategic partnerships. Presenters will also reflect on the overall value of cultural exchange in the collaborative process.

Introduction
Mallory Williams, MD, MPH, FACS, Washington, DC
Quyen D. Chu, MD, MBA, FACS, Shreveport, LA

Two in Three without Access to Safe Surgery: The Challenging Surgical Burden of Disease
Adnan A. Alseidi, MD, EdM, FACS, Seattle, WA

Lessons Learned Over 38 Years of Humanitarian Volunteer Experiences in Nigeria
John L. Tarpley, MD, FACS, FWACS, Nashville, TN

American College of Surgeons Global Engagement: The Role of Operation Giving Back
Girma Tefera, MD, FACS, Madison, WI

Two Decades of Humanitarian Medical Outreach and Capacity Building in Kurdistan, Iraq
Gazi B. Zibari, MD, FACS, Shreveport, LA

Collaborating to Build Surgical Capacity in Rural Kenya
Zaria C. Murrell, MD, FACS, Louisville, KY

It's About Relationships: Surgery Capacity Building in Rwanda
Robert Riviello, MD, MPH, FACS, Boston, MA

Sponsored by the International Relations Committee and the Committee on Diversity Issues

PS131 | 4:15-5:45 pm
Surgical Decision Making in Patients with Intraductal Papillary Mucinous Neoplasms

LOCATION: 150

TRACKS: GEN, ONC
MODERATOR: Hisakazu Hoshi, MD, FACS, *Iowa City, IA*
CO-MODERATOR: Nipun B. Merchant, MD, FACS, *Miami, FL*

Intraductal papillary mucinous neoplasms of the pancreas, a heterogeneous group of tumors with malignant potential, are increasingly recognized in clinical practice. These neoplasms account for approximately 20 percent to 50 percent of cystic neoplasms of the pancreas and are the second most common neoplasm of the exocrine pancreas after adenocarcinomas, but their natural history is still being elucidated. Therefore, management of this entity remains controversial. Moreover, patients with this neoplasm are at risk for the development of recurrent tumor in the pancreas as well as the development of extra-pancreatic malignancies. This session will provide an overview of the clinical presentation, approach to the diagnostic workup, prediction of malignancy, indications for surgery, extent of surgical resection, and surveillance follow-up, based on existing evidence-based literature and international guidelines.

Introduction
Hisakazu Hoshi, MD, FACS, Iowa City, IA

Case Presentations
Hisakazu Hoshi, MD, FACS, Iowa City, IA

Imaging Differential Diagnosis of Pancreatic Cystic Mass
Atif Zaheer, MD, FACS, Baltimore, MD

Resect or Observe? Surgical Decision Making
Masao Tanaka, MD, PhD, FACS, Fukuoka, Japan

Resect Part or Resect All? Intraoperative Decision Making and Follow-Up
Christopher L. Wolfgang, MD, FACS, Baltimore, MD

Panel Discussion of the Cases
Hisakazu Hoshi, MD, FACS, Iowa City, IA

Sponsored by the Commission on Cancer

Tuesday, October 18

PS200 | 8:00-9:30 am
A Night on Emergency General Surgery Call

LOCATION: Ballroom A

TRACKS: GEN, RUS, TRA
MODERATOR: Jose J. Diaz, MD, FACS, FCCM, *Baltimore, MD*
CO-MODERATOR: Therese M. Duane, MD, MBA, FACS, FCCM, *Fort Worth, TX*

This fast-paced session will take you through a night on call for emergency general surgery and present complex and challenging emergency general surgery cases discussed by a panel of experts. These surgeons will share their experience and expertise in diagnosing and treating a vast array of emergency surgical diseases. The audience response system will help the audience express their own opinions about care in these challenging patients.

Introduction
Jose J. Diaz, MD, FACS, FCCM, Baltimore, MD

A Night on Emergency General Surgery Call
Therese M. Duane, MD, MBA, FACS, FCCM, Fort Worth, TX
Gerald R. Stephenson, MD, FACS, Fort Worth, TX
Heather L. Evans, MD, MS, FACS, Seattle, WA
Ashley L. Slappy, MD, FACS, Suwanee, GA

Sponsored by the Committee on Trauma

PS201 | 8:00-9:30 am
Cholecystectomy: Choosing the Right Patient for Surgery

LOCATION: Hall D

TRACKS: GEN, RUS, TRA
MODERATOR: Bryan K. Richmond, MD, MBA, FACS, *Charleston, WV*
CO-MODERATOR: Nathaniel J. Soper, MD, FACS, *Chicago, IL*

Patient selection for cholecystectomy used to be very simple. The patient needed to exhibit classic symptoms of biliary colic with the finding of gallstones on imaging. There has been an explosion in the use of nuclear medicine imaging to find patients with functional biliary disease without gallstones. The long-term outcomes of patients who have cholecystectomy for functional disease is unclear, and patient selection is not well-defined. There are now patients who have hypo-motile gallbladders and those who have hyperkinetic gallbladders undergoing cholecystectomy. This session will discuss the evidence for defining optimal patient selection in elective management of acalculus cholecystitis.

Introduction
Bryan K. Richmond, MD, MBA, FACS, Charleston, WV

What Is Biliary Dyskinesia and Why Are We Here? Definition, History, and Common Misconceptions About This Diagnosis
Bryan K. Richmond, MD, MBA, FACS, Charleston, WV

Current Treatment Algorithms for Patients with Biliary Dyskinesia/Functional Gallbladder Disorder and Brief Summary of the Current Literature on the Role of Cholecystectomy for Biliary Dyskinesia
Eric S. Hungness, MD, FACS, Chicago, IL

What You Need to Know about the Cholecystokinin Hepatobiliary (CCK-HIDA) Scintigraphy Scan History; What does an Abnormal Value Mean, Shortcomings, Influence of Technique, and So On
Robert D. Fanelli, MD, MHA, FACS, FASGE, Sayre, PA

The Hyperkinetic Gallbladder—Is It Significant?
Benjamin K. Poulose, MD, MPH, FACS, Nashville, TN

Future Directions for Research: Recent and Upcoming Trials for Patients with Biliary Dyskinesia
Katherine A. Morgan, MD, FACS, Charleston, SC

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Rural Surgery

PS202 | 8:00-9:30 am
Non-Obstetric Laparoscopy Surgery in Pregnancy

LOCATION: Ballroom B

TRACKS: GEN, OBG, TRA
MODERATOR: Ceana H. Nezhat, MD, FACS, *Atlanta, GA*
CO-MODERATOR: Travis M. Polk, MD, FACS, *Portsmouth, VA*

Approximately 2 percent of pregnant women undergo surgery at some point during gestation. The advantages of laparoscopic surgery are similar for pregnant and non-pregnant women; nevertheless, this procedure has been underutilized during pregnancy due to concerns about harming the fetus. This presentation will address different aspects involving laparoscopic surgery during pregnancy including videos of real cases with an aim to overcome this gap and show the safety and feasibility of this approach. Perioperative prerequisites, appropriate imaging, and anesthesia considerations will be covered.

Introduction
Ceana H. Nezhat, MD, FACS, Atlanta, GA

Perioperative Management
Travis M. Polk, MD, FACS, Portsmouth, VA

General Surgery Aspects
Raymond J. Lanzafame, MD, MBA, FACS, Rochester, NY

Adnexal Masses
Farr R. Nezhat, MD, FACOG, FACS, New York, NY

Safe Entry Port Placement Complications Case Discussion
Ceana H. Nezhat, MD, FACS, Atlanta, GA

Sponsored by the Advisory Council for Gynecology and Obstetrics

PS203 | 8:00-9:30 am
Novel Anticoagulants: Appropriate Uses and Issues in Reversal

LOCATION: Ballroom C

TRACKS: GEN, RUS, TRA
MODERATOR: Thomas W. Wakefield, MD, FACS, *Ann Arbor, MI*
CO-MODERATOR: Eileen M. Bulger, MD, FACS, *Seattle, WA*

New novel oral anticoagulants (NOACs) are increasingly being used, particularly in elderly patients who are susceptible to trauma. This session will review the current NOACs in clinical use and provide an update regarding optimal use in acute care surgery patients. More importantly, optimal methods for laboratory testing and evidence-based protocols for prompt reversal of NOACs in bleeding patients will be reviewed. There is significant evidence to suggest that rapid recognition and reversal of anticoagulation in patients with traumatic injury can improve mortality. A multicenter prospective observational American Association for the Surgery of Trauma study is ongoing to identify the injury patterns, reversal strategies, and outcomes for patients taking novel oral anticoagulants.

Introduction
Thomas W. Wakefield, MD, FACS, Ann Arbor, MI

New Agents in Venous Thromboembolism Treatment of Venous Thromboembolism Prophylaxis
Timothy K. Liem, MD, MBA, FACS, Portland, OR

Management of Traumatic Brain Injury Patients on Anticoagulation
Saman Arbabi, MD, MPH, FACS, Seattle, WA

Management of the Emergency Bleeding Patient
Eileen M. Bulger, MD, FACS, Seattle, WA

How to Choose One of the New Agents and Manage Longterm
James B. Froehlich, MD, MPH, FACC, FAHA, Ann Arbor, MI

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

PS204 | 8:00-9:30 am
The Multidisciplinary Care of the Neurotrauma Patient

LOCATION: 207B

TRACKS: NEU, ORT, TRA
MODERATOR: Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*
CO-MODERATOR: Ziad C. Sifri, MD, FACS, *Newark, NJ*

The management of the neurotrauma patient can be controversial, with the many organ systems that can be affected with injuries to the head and neck, as well as the nuances of care in adult spine injury and geriatric patients. This first multispecialty combined symposium will provide attendees the evidence-based data on the complex care of the neurotrauma patient. A series of treatment algorithms will be presented and further developed during the panel discussions will: (1) describe recent controversies and algorithms for the management of anticoagulants in the head injury patient; (2) describe the treatment options for the patients sustaining spine injury in polytrauma;

(3) describe specific challenges in the management of the geriatric patient in neurotrauma; and (4) describe palliative care in the setting of head and spine trauma.

Introduction
Charles J. Prestigiacomo, MD, FACS, Newark, NJ

Traumatic Brain Injury and the Use of Anticoagulants: Where Is the Dilemma?
Ziad C. Sifri, MD, FACS, Newark, NJ

Current Concepts in the Management of Spine Injury in the Polytrauma Patient: When to Operate
Kevin M. McGrail, MD, FACS, Washington, DC

The Management of the Geriatric Patient in the Setting of Polytrauma: Is There a Limit?
Charles J. Prestigiacomo, MD, FACS, Newark, NJ

The Role of Palliative Care in the Polytrauma Patient: Making the Difficult Decisions
Anne C. Mosenthal, MD, FACS, Newark, NJ

Sponsored by the Committee on Trauma

PS205 | 8:00-9:30 am
The Role of Simulation in Training, Education, and Maintenance of Certification in Pediatric Surgery

LOCATION: 152B

TRACKS: GEN, PED, RUS
MODERATOR: David A. Rogers, MD, MHPE, FACS, FAAP, *Birmingham, AL*
CO-MODERATOR: Katherine A. Barsness, MD, MS, FACS, *Chicago, IL*

The practicalities of developing relevant simulation modules that may be used for surgical training and education, and the issues surrounding the use of simulation for Maintenance of Certification in pediatric surgery will be the focus of this session. In addition, topics such as the role of simulation in the proctoring of surgeons early in practice and in the development of new skills for the practicing surgeon will be discussed. This session will be of interest to surgeons in all walks of practice.

Introduction
David A. Rogers, MD, MHPE, FACS, FAAP, Birmingham, AL

Implementation of a Multi-Institutional Comprehensive Simulation-Based Skills Curriculum for Pediatric Surgical Fellows
Katherine A. Barsness, MD, MS, FACS, Chicago, IL

Implementation of a Simulation-Based Skills Examination for Colorectal Board Certification: Lessons Learned
Sandra de Montbrun, MD, FRCSC, Toronto, ON

Surgical Simulation Center: The Educational Home for the Introduction of New Procedures
Brian J. Dunkin, MD, FACS, Houston, TX

Use of Simulation in Training and Retraining of Practicing Surgeons
Ajit K. Sachdeva, MD, FACS, FRCSC, Chicago, IL

Sponsored by the Advisory Council for Pediatric Surgery

PS206 | 8:00-9:30 am
Understanding Diversity, Navigating Bias

LOCATION: 202B

TRACK: EDU
MODERATOR: Kathleen A. LaVorgna, MD, FACS, *Norwalk, CT*
CO-MODERATOR: Shubhada M. Dhage, MD, FACS, *New York, NY*

Whether dealing with patients, staff, colleagues, or associates, diversity is essential. We can rationalize our differences. Bias, however, is an emotional reaction that can be difficult to outwardly acknowledge. This session explores the differences between diversity and bias, and provides insight into creating strategies foster cultural competency.

Concepts Defined
Shubhada M. Dhage, MD, FACS, New York, NY

Bias and Health Disparities
Adil H. Haider, MD, MPH, FACS, Boston, MA

Implementing Organizational Change
Catherine Wagner, EdD, East Haddam, CT

Sponsored by the Committee on Diversity Issues and the Women in Surgery Committee

PS207 | 8:00-11:15 am
Surgical Jeopardy

LOCATION: 145

TRACKS: GEN, RES-MED
MODERATOR: Mark W. Bowyer, MD, FACS, *Bethesda, MD*

Adopted from the popular television game show, this program offers teams of residents the chance to showcase their surgical knowledge by competing to answer surgical questions.

Introduction
Mark W. Bowyer, MD, FACS, Bethesda, MD

SPEAKERS:

Surgical Jeopardy Judges
David R. Arbutina, MD, FACS, Port Matilda, PA
Maya A. Babu, MD, MBA, Rochester, MN
Lindsay A. Bliss, MD, Farmington, CT
James W. Cook, MD, FACS, Falls Church, VA
Rebecca L. Hoffman, MD, MSCE, Philadelphia, PA
Afif N. Kulaylat, MD, Hershey, PA
Nicolas J. Mouawad, MD, MPH, MBA, Bay City, MI
James E. Wiedeman, MD, FACS, Mather, CA

Cleveland Clinic
Julietta Chang, MD, Cleveland, OH
Adam G. Mace, MD, Cleveland, OH

East Carolina University
Swapnil Kachare, MD, Greenville, NC
Kenji Leonard, MD, Greenville, NC

Grand Strand Medical Center
Lola Onayemi, MD, Baltimore, MD
Dan Pinnola, MD, Baltimore, MD

Illinois Chapter
Jac Cooper, MD, Springfield, IL
Nader Tehrani, MD, Springfield, IL

Italy Chapter
Giammauro Berardi, MD, Rome, Italy
Paolo Magistri, MD, Rome, Italy

Jacksonville Chapter
Irving Zamora, MD, Houston, TX
Pray Sharma, MD, Houston, TX

Jordan Chapter
Mutaz Naffah, MD, Amman, Jordan
Heba Abbadi, MD, Amman, Jordan

Loma Linda University
Lourdes Robles, MD, Orange, CA
Seyed Pairawan, MD, Loma Linda, CA

Medical University of South Carolina, Charleston
Ashley Hink, MD, Charleston, SC
Ben Calder, MD, Charleston, SC

Metropolitan Philadelphia Chapter
Simran Randhawa, MD, Philadelphia, PA
Eric Weiss, MD, Philadelphia, PA

Monmouth Medical Center
Javier Otero, MD, Long Branch, NJ
Paul Kolarsick, MD, Long Branch, NJ

Montefiore Medical Center
Anna Liveris, MD, New York, NY
Jeffrey Lipman, MD, New York, NY

Northern California Chapter, Fresno, CA
Kirellos Zamary , MD, Fresno, CA
Elaine Lee, MD, Fresno, CA

Rutgers Robert Wood Johnson Medical School
Michelle DeLeon, MD, New Brunswick, NJ
Eyone Jones, MD, Amman, Jordan

St. Luke's University Hospital
Ikemefuna Akusoba, MD, Bethlehem, PA
Ronnie Mubang, MD, Bethlehem, PA

Texas A&M/Baylor Scott & White Health
Matthew Tillman, MD, Temple, TX
Chad Hall, MD, Temple, TX

Tulane University School of Medicine
David Pointer, MD, New Orleans, LA
Adam Hauch, MD, New Orleans, LA

Washington University in St. Louis
Jesse Davidson, MD, St. Louis, MO
Dominic Sanford, MD, St. Louis, MO

West Virginia University
Rachel Warner, MD, Morgantown, WV
Alexander Leung, MD, Morgantown, WV

Western Michigan University
Julia Miladore, MD, Kalamazoo, MI
Gulrez Mahmood, MD, Kalamazoo, MI

University of Alabama at Birmingham
Eric Schinnerer, MD, Birmingham, AL
Evan Garner, MD, Birmingham, AL

University of New Mexico
Barkat Ali, MD, Albuquerque, NM
Eyas Alkhalili, MD, Albuquerque, NM

University of Miami
Jessica Buicko, MD, Miami, FL
Stephanie Scurci, MD, Miami, FL

University of Oklahoma
Alessandra Landmann, MD, Pittsburgh, PA
Ademola Adeseye, MD, Pittsburgh, PA

Sponsored by the Resident and Associate Society

PS208 | 9:45-11:15 am
Controversies in Barrett's Esophagus

LOCATION: Ballroom B

TRACKS: CTS, GEN, ONC
MODERATOR: Leslie J. Kohman, MD, FACS, *Syracuse, NY*
CO-MODERATOR: Robert C. G. Martin, MD, PhD, FACS, *Louisville, KY*

As the incidence of esophageal adenocarcinoma rises, the importance of Barrett's esophagus as a contributing factor requires increased scrutiny. This multidisciplinary panel will address the relationship between esophageal reflux, Barrett's esophagus and cancer, and highlight current management strategies, surgical and nonsurgical treatment, and outcome standards. The biology and pathology of Barrett's esophagus will be discussed, along with guidelines for interpreting pathology reports on biopsies done for surveillance. This session will also address the following questions: Does surveillance have value, and if so, who will benefit and how should it be done? What is the place of antireflux surgery in management of Barrett's esophagus? What are the newest methods of endoscopic and minimally invasive management? When and how can surgery benefit Barrett's patients?

Introduction
Leslie J. Kohman, MD, FACS, Syracuse, NY

Basic Science and Pathology of Barrett's Esophagus
Zuefeng Zhang, MD, PhD, Durham, NC

Surveillance: Current Standards of Practice and Appropriate Techniques, Relationship to Reflux and Anti-Reflux Therapy, Risk of Cancer
Michael Ujiki, MD, FACS, Evanston, IL

Advanced Endoscopic Techniques
Lee L. Swanstrom, MD, FACS, FASGE, FRCSEng(Hon), Portland, OR

Surgical Therapy: Anti-Reflux Surgery
Kate S. Nason, MD, MPH, FACS, Pittsburgh, PA

Sponsored by the Commission on Cancer

PS209 | 9:45-11:15 am
Incisional Hernia: Prevention and Treatment

LOCATION: Hall D

TRACKS: GEN, RUS, TRA
MODERATOR: Sherry M. Wren, MD, FACS, *Stanford, CA*
CO-MODERATOR: B. Todd Heniford, MD, FACS, *Charlotte, NC*

Incisional hernias are a distressingly common consequence of abdominal operations, especially those performed through midline incisions. Fortunately, there are new techniques being proposed to prevent incisional hernia development. There are suture techniques with bite size and distance between bites that are promising and there are proposals for using prophylactic mesh placement. This session will discuss these new techniques, assess the available evidence for their adoption, and raise awareness of this common late complication of laparotomy.

Introduction
Sherry M. Wren, MD, FACS, Stanford, CA

Incisional Hernias: The Current State: Incidence and Consequences
Benjamin K. Poulose, MD, MPH, FACS, Nashville, TN

Fascial Suture Techniques for Incisional Hernia Prevention
Johannes Jeekel, MD, PhD, Rotterdam, Netherlands

Prophylactic Mesh for Incisional Hernia Prevention in Colectomy
Miguel A. Garcia-Urena, MD, PhD, Madrid, Spain

Mesh Prophylaxis: Why the Resistance to Adoption?
Filip Muysoms, MD, PhD, Ghent, Belgium

Conclusions and Post-Presentation Poll
B. Todd Heniford, MD, FACS, Charlotte, NC

Sponsored by the Advisory Council for Rural Surgery and the Advisory Council for General Surgery

PS210 | 9:45-11:15 am
Introducing New Technologies in the Operating Room

LOCATION: Ballroom C

TRACKS: EDU, GEN
MODERATOR: Daniel M. Herron, MD, FACS, FASMBS, *New York, NY*
CO-MODERATOR: Brian J. Dunkin, MD, FACS, *Houston, TX*

New technologies are part and parcel of surgery. This panel will review the selection, implementation, credentialing, and regulatory oversight of new technologies. The session will focus on new technologies of different types: novel, very new licensed-for-market sale, and existing but complex technologies.

Introduction
Daniel M. Herron, MD, FACS, FASMBS, New York, NY

Overview: How Do Novel Technologies Get From the Surgeon's Garage to the Operating Room?
Daniel M. Herron, MD, FACS, FASMBS, New York, NY

There's a Great New Surgical Device on the Market: How Do I Get My Hospital to Purchase and Stock It?
Patrick R. Reardon, MD, FACS, Houston, TX

I Want to Try a New Anastomotic Technique: What Is the Difference Between an Improved Technique and an Investigational Procedure? When Do I Need an IRB?
Anne O. Lidor, MD, FACS, Baltimore, MD

Existing but Complex Technology Like the Surgical Robot: How Do We Safely Use and Regulate It in Our Hospital?
Pier C. Giulianotti, MD, FACS, Chicago, IL

Sponsored by the Committee on Perioperative Care and the Committee on Emerging Surgical Technology and Education

PS211 | 9:45-11:15 am
Pediatric Pancreatic Trauma: To Operate or Not to Operate: That Is the Question

LOCATION: 146A

TRACKS: GEN, PED, TRA
MODERATOR: Barbara A. Gaines, MD, FACS, *Pittsburgh, PA*
CO-MODERATOR: Eric R. Scaife, MD, FACS, *Salt Lake City, UT*

This session will focus on the controversies surrounding the optimal management of pediatric pancreatic trauma. Evidence regarding the timing of surgical intervention and technical issues versus nonoperative management will be presented. This subject will be discussed in a point/counterpoint panel format, and will be of interest to general, acute care/trauma, and pediatric surgeons.

Introduction
Barbara A. Gaines, MD, FACS, Pittsburgh, PA

Surgery Is the Answer
Corey W. Iqbal, MD, Kansas City, MO

Nonoperative Management Is Better
Stephen J. Fenton, MD, FACS, Salt Lake City, UT

Let's Really Study the Issue
Bindi Naik-Mathuria, MD, FACS, Houston, TX

Sponsored by the Advisory Council for Pediatric Surgery

PS212 | 9:45-11:15 am
Perioperative Calcium Treatment after Thyroid and Parathyroid Surgery

LOCATION: 202A

TRACKS: GEN, OTO, PED
MODERATOR: Gregory W. Randolph, MD, FACS, *Boston, MA*
CO-MODERATOR: Ralph P. Tufano, MD, MBA, FACS, *Baltimore, MD*

Both thyroidectomy and parathyroidectomy have established rates of temporary and permanent hypocalcemia after surgery. Many therapeutic strategies exist to manage patient calcium levels after surgery. In this panel, experts will review published guidelines for the management of perioperative calcium levels. More specifically, the value of preoperative vitamin and calcium therapy will be discussed. Furthermore, intraoperative rapid parathyroid hormone assay levels will be discussed as a predictor of postoperative outcomes and how these levels may influence postoperative calcium management. Finally, cases will be presented to outline scenarios where thoughtful calcium management may prevent hypocalcemia complications.

Introduction
Gregory W. Randolph, MD, FACS, Boston, MA

Preoperative Vitamin D and Calcium and High-Risk Gastric Bypass

Catherine F. Sinclair, MD, FRACS, New York, NY

Intraoperative Techniques for Parathyroid Preservation
Erin A. Felger, MD, FACS, Washington, DC

Autotransplantation: When, Why, and How?
Richard J. Wong, MD, FACS, New York, NY

Algorithms for Evaluation for Calcium and/or Parathyroid Hormone and Discharge Planning
J. Pieter Noordzij, MD, Hingham, MA

Treatment of Permanent Hypoparathyroidism
Emad Kandil, MB, BCh, FACS, New Orleans, LA

Sponsored by the Advisory Council for Otolaryngology–Head & Neck Surgery

PS213 | 9:45-11:15 am
Unique Challenges of Surgical Care in Native American Communities

LOCATION: 202B

TRACKS: GEN, RUS
MODERATOR: Gregory T. Jarrin, MD, FACS, *Winslow, AZ*
CO-MODERATOR: Lori A. Alvord, MD, *Page, AZ*

This panel will present data on the surgical diseases that most commonly affect the Native American community. The challenges of rural isolation, limited specialty care, and the need for regionalization will be reviewed. Topics will be discussed by those health care professionals serving these communities.

Introduction
Gregory T. Jarrin, MD, FACS, Winslow, AZ

Gastric Pathology in Navajo and Hopi Patients
Gregory T. Jarrin, MD, FACS, Winslow, AZ

Hereditary Non-Polyposis Colon Cancer on the Navajo Reservation
Thomas J. Drouhard, MD, Tuba City, AZ

Increased Incidence of Biliary Disease in the Native American Population
Joachim Chino, MD, Tuba City, AZ

The Regionalization of Rural Trauma Care in Northeastern Arizona
Ralph Z. Kelley, MD, Flagstaff, AZ

Sponsored by the Committee on Diversity Issues and the Advisory Council for Rural Surgery

PS214 | 9:45-11:15 am
Venous Thromboembolic Disease: Contemporary Diagnosis and Therapy

LOCATION: 150

TRACKS: GEN, TRA, VAS
MODERATOR: Lowell S. Kabnick, MD, RPhS, FACS, FACPh, *New York, NY*
CO-MODERATOR: Steven B. Johnson, MD, FACS, *Phoenix, AZ*

Venous thromboembolic disease is of growing significance leading to morbidity and mortality as well as financial burden and increasing regulatory scrutiny as a quality measure for physicians and hospitals. This session will discuss the recent progress in the diagnosis, and treatment of both acute and chronic deep vein thrombosis (DVT)/pulmonary embolism (PE), including after injury and major surgery. A practical approach to prophylaxis, screening, diagnosis, and treatment will be provided including discussion of new oral anticoagulants. Complex issues such as mechanical vena cava interruption, and anticoagulation in high-risk patients, will be discussed, including the role of thrombolysis and surgery. Advanced topics will include the use of ultrasound-assisted thrombolysis for submassive PE as well as the role of thrombolysis and stenting for acute proximal ilio-femoral thrombosis.

Introduction
Lowell S. Kabnick, MD, RPhS, FACS, FACPh, New York, NY

Direct Oral Anticoagulants (DOACs)
John Blebea, MD, FACS, Tulsa, OK

Calf Deep Vein Thrombosis: To Rx or not Rx?
Joann M. Lohr, MD, RVT, FACS, Cincinnati, OH

Paget-Schroetter
Anil P. Hingorani, MD, FACS, Brooklyn, NY

Significant Venous Thromboembolism (VTE) Considerations in Obese Surgical Patients
Brajesh K. Lal, MD, FACS, Baltimore, MD

Significant Venous Thromboembolism (VTE) Considerations in Trauma Patients
Robin P. Blackstone, MD, FACS, Scottsdale, AZ

To Filter or Not to Filter?
Matthew E. Lissauer, MD, FACS, New Brunswick, NJ

Sponsored by the Advisory Council for Vascular Surgery and the Committee on Trauma

PS215 | 9:45-11:15 am
Transgender Surgery: Management of the Transgender Patient

LOCATION: 152B

TRACKS: OBG, PLA, URO
MODERATOR: William M. Kuzon, MD, PhD, FACS, *Ann Arbor, MI*

The public and health insurance companies are becoming more accepting of transgender surgery. This panel will not only explore the surgical options, but the need for psychological review, and will address the preparation and team necessary to take care of these patients.

Introduction
William M. Kuzon, MD, PhD, FACS, Ann Arbor, MI

Gender Dysphoria and the World Professional Association for Transgender Health Standards of Care: An Overview
Randi Ettner, PhD, Evanston, IL

Gender-Affirming Top Surgery
Juliana E. Hansen, MD, FACS, Portland, OR

Male-to-Female Surgery: Overviews of Facial Feminization, Thyrolaryngoplasty, and Genital Surgery
Loren Slone Schechter, MD, FACS, Morton Grove, IL

Female-to-Male Surgery-Overview and Phalloplasty
William M. Kuzon, MD, PhD, FACS, Ann Arbor, MI

Gender Identity 2.1: A Software Upgrade
Michaela West, MD, FACS, PhD, St. Louis, MO

Sponsored by the Advisory Council for Plastic and Maxillofacial Surgery, the Advisory Council for General Surgery, and the Committee on Diversity Issues

PS216 |12:45-2:15 pm
Childhood Surgical Conditions: Transitions to Long-Term Care and Adult Providers

LOCATION: 207B

TRACKS: GEN, PED, RUS
MODERATOR: David H. Rothstein, MD, MS, FACS, *Buffalo, NY*
CO-MODERATOR: Roshni A. Dasgupta, MD, FACS, *Cincinnati, OH*

Numerous congenital conditions require a transition of care to adult providers for long-term issues. This session will explore the transition of care, discussing thoracic anomalies (congenital diaphragmatic hernia and esophageal atresia), anomalies of rotation, colorectal anomalies (Hirschsprung Disease and anorectal malformations), inflammatory bowel disease, vascular malformations, childhood cancers, and ovarian and gynecologic conditions. Ideal ages and methods for transition of care will be explored, addressing the particular psychosocial needs of patients and families with long-standing pediatric care. We will also address some of the legislative, insurance, and financial aspects related to transitional care. This session is aimed at general, colorectal, and gynecologic surgeons.

Introduction
David H. Rothstein, MD, MS, FACS, Buffalo, NY

An Overview of Transitional Care from Pediatric to Adult Surgery: Needs, Challenges, and Future
David H. Rothstein, MD, MS, FACS, Buffalo, NY

Redo Thoracic Surgery Following Childhood Foregut Operations
Malcolm M. DeCamp, MD, FACS, Chicago, IL

Pediatric Colorectal Surgery and Long-Term Concerns in Transitional Care
Nelson G. Rosen, MD, FACS, New Hyde Park, NY

Pediatric Esophageal Surgery and Long-Term Concerns in Transitional Care
Arnold G. Coran, MD, FACS, Ann Arbor, MI

Transitioning Patients with Pediatric Colorectal Diseases to an Adult Practice: Surgical Concerns and Challenges
Janice F. Rafferty, MD, FACS, FASCRS, Cincinnati, OH

Sponsored by the Advisory Council for Pediatric Surgery

PS217 |12:45-2:15 pm
How to Introduce New Technology and Advanced Procedures into a Cardiothoracic Surgery Practice

LOCATION: 102

TRACKS: CTS, EDU, VAS
MODERATOR: Raphael Bueno, MD, FACS, *Boston, MA*
CO-MODERATOR: T. Forcht Dagi, MD, DMedSc, DHC, MPH, MBA, FACS, FAANS, FCCM, FRCSEd, *Newton Centre, MA*

All of the following technologies have been rapidly introduced around the globe: (1) robotic cardiothoracic surgery; (2) complex endoscopic techniques; and (3) catheter delivery of cardiac valve. How does the practicing surgeon safely introduce these new technologies into their practice? This session will review how a surgeon can implement these new modalities safely in their practice and will discuss what should be done at the hospital level including the nuances of credentialing and privileging, discussions with the patient, proctoring and mentorship, and how to engage and team with multidisciplinary partners.

Introduction
Raphael Bueno, MD, FACS, Boston, MA
T. Forcht Dagi, MD, DMedSc, DHC, MPH, MBA, FACS, FAANS, FCCM, FRCSEd, Newton Centre, MA

Introduction of Cardiothoracic Mechanical-Assist Devices
Hari R. Mallidi, MD, Boston, MA

Introduction of Robotic Surgery
Jon O. Wee, MD, FACS, Boston, MA

Lessons from Introduction of Endocatheter Procedures
Eric E. Rosell, MD, FACS, Cleveland, OH

Sponsored by the Advisory Council for Cardiothoracic Surgery

PS218 |12:45-2:15 pm
Lumps, Bumps, and Sarcomas: The Aftermath of the Unplanned Sarcoma Excision and How to Avoid It

LOCATION: Ballroom C

TRACKS: OBG, ONC
MODERATOR: Ginger E. Holt, MD, FACS, *Nashville, TN*

Quality and efficient care of sarcomas is compromised by their rarity. One-third of all sarcomas are incompletely excised in an unplanned excision and then referred to a sarcoma center for further care. This incurs additional surgery for the patient, a higher risk of local recurrence, and it carries a significant financial burden. This situation also puts the surgeon at medicolegal risk for delay in diagnosis and preventable loss of function.

Introduction
Ginger E. Holt, MD, FACS, Nashville, TN

Sponsored by the Advisory Council for General Surgery

PS219 |12:45-2:15 pm
To Prep or Not to Prep: Understanding the Data on Bowel Preparation for Elective Colon Resection

LOCATION: Hall D

TRACKS: CRS, EDU, GEN
MODERATOR: Daniel D. Klaristenfeld, MD, FACS, FASCRS, *San Diego, CA*
CO-MODERATOR: Jonathan E. Efron, MD, FACS, *Baltimore, MD*

Whether to perform a mechanical bowel preparation, oral antibiotic bowel preparation, or both preparations prior to elective colon operations can be a difficult decision. As recently as 20-30 years ago it might have been considered negligent not to prep patients for colorectal resections.

Later data suggested that bowel preparation was unnecessary and possibly even harmful. Now the pendulum might be swinging the other way again as more recent data show decreased wound infection rates with bowel prep. This panel will discuss the history of bowel preparation for elective colorectal resections and try to make sense of some conflicting and confusing data. After this discussion, participants will have a clearer understanding of the risks and benefits for their patients.

Introduction
Daniel D. Klaristenfeld, MD, FACS, FASCRS, San Diego, CA

History of Bowel Preparation for Elective Colorectal Surgery
Anthony J. Senagore, MD, MBA, FACS, Galveston, TX

The Argument for Bowel Preparation
Elizabeth C. Wick, MD, FACS, Baltimore, MD

The Argument for Bowel Preparation
Oded Zmora, MD, FACS, Tel Aviv, Israel

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Colon and Rectal Surgery

PS220 |12:45-2:15 pm
Management of Recurrent Gastrointestinal Stromal Tumors in the Era of Multidisciplinary Care

LOCATION: 202A

TRACKS: GEN, ONC
MODERATOR: Chandrajit P. Raut, MD, FACS, *Boston, MA*
CO-MODERATOR: Ricardo J. Gonzalez, MD, FACS, *Tampa, FL*

Gastrointestinal (GI) stromal tumors, the most common mesenchymal tumor of the GI tract, are often managed by the general surgeon. Their behavior is difficult to predict based on histology, and complete resection remains the cornerstone of treatment. Up to 50 percent of patients develop recurrences (median time to recurrence of two years). Tyrosine kinase inhibitor use has improved outcomes, although most eventually develop clinical resistance and progress. Treatment of these tumors has therefore become increasingly complex as knowledge of the genetic alterations responsible for tumor biology accumulates. This session will provide an overview of the epidemiology of these tumors, diagnostic workup, principles of surgical treatment options, and the integration of neoadjuvant, adjuvant, and salvage therapies in the management of these patients.

Introduction
Chandrajit P. Raut, MD, FACS, Boston, MA

Recurrent Gastrointestinal Stromal Tumors During or After Adjuvant Imatinib: What Next?
Ronald P. DeMatteo, MD, FACS, New York, NY

What's New in Targeted Therapy for Gastrointestinal Stromal Tumors?
Jonathan C. Trent, MD, PhD, Miami, FL

When Should Surgery Be Considered for Recurrent or Metastatic Gastrointestinal Stromal Tumors?
Chandrajit P. Raut, MD, FACS, Boston, MA

What Nonsurgical Localized Treatment Options Are Available for Metastatic Gastrointestinal Stromal Tumors?
Ricardo J. Gonzalez, MD, FACS, Tampa, FL

Case Discussions
Chandrajit P. Raut, MD, FACS, Boston, MA

Sponsored by the Commission on Cancer

PS221 | 12:45-2:15 pm
Who's on Call: Surgical Workforce Needs for the Next 25 Years

LOCATION: Ballroom B

TRACKS: GEN, RUS, TRA
MODERATOR: Mark W. Puls, MD, FACS, *Alpena, MI*
CO-MODERATOR: Mark T. Savarise, MD, FACS, *South Jordan, UT*

The burden of call is an increasingly complex issue for surgeons and hospitals. In this panel session, surgical workforce data will be reviewed, and the following issues will be discussed: (1) Is there a shortage of general surgeons now? (2) Is there a shortage of surgeons or a maldistribution of surgeons? (3) Is our nation producing the right number of general surgeons and specialty surgeons for now and for the future? (4) What are the surgical workforce needs and on-call issues in an urban setting both now and in the future? (5) What are the surgical workforce needs and on-call issues in a rural setting both now and in the future? (6) Can an acute care general surgery service solve surgical workforce needs and on-call issues?

Nicole M. Vanderheyden, MD, FACS, Portland, OR
KMarie Reid Lombardo, MD, FAC, Rochester, MN
Samuel R. G. Finlayson, MD, FACS, Salt Lake City, UT
Alexander D. Wade, MD, FACS, Eden Prairie, MN

Sponsored by the Advisory Council for Rural Surgery and the Advisory Council for General Surgery and the Committee on Diversity Issues

PS222 |12:45-2:15 pm
Update on Tracheotomy: Techniques, Pitfalls, Complications, and Safe Care at Home

LOCATION: 202B

TRACKS: EDU, GEN, OTO
MODERATOR: Dennis H. Kraus, MD, FACS, *New York, NY*
CO-MODERATOR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*

Tracheostomy procedures are common and performed by multiple specialties. This session will review the comparative findings and methods on open surgical versus dilatational percutaneous tracheotomy. Avoiding complications will include team prep, tube type, securement, managing pain, secretions, and decannulation. The incidence,

prevention and management of iatrogenic stenosis will include a team approach to the tracheostomy patient. Lastly, the new American College of Surgeons' Tracheostomy Home Skills Training and Validation Program will be presented including the impact on readmissions, cost, and complication rate and satisfaction scores.

Introduction
Dennis H. Kraus, MD, FACS, New York, NY

Indications for Open or Percutaneous Tracheostomy
Stephanie A. Savage, MD, FACS, Memphis, TN

The Importance of Standardized Multidisciplinary Care Before and After Tracheostomy
David W. Robertson, MD, FACS, Boston, MA

Airway Management and Recognizing and Treating In-Hospital Complications
Eric D. Lamarre, MD, FACS, Cleveland, OH

The Real Incidence of Tracheal Stenosis and Appropriate Management
Robert R. Lorenz, MD, FACS, Cleveland, OH

Safe Care by the Next Provider: Skills Training for Patients, Families, and Aids
Dennis H. Kraus, MD, FACS, New York, NY

Tracheal Stenosis Treatment
Robert R. Lorenz, MD, FACS, Cleveland, OH

Sponsored by the Advisory Council for Otolaryngology–Head & Neck Surgery and the Patient Education Committee

PS223 | 12:45-5:00 pm
Association of Program Directors in Surgery (APDS) Panels

LOCATION: 150

TRACKS: EDU, RES-MED
MODERATOR: Daniel L. Dent, MD, FACS, *San Antonio, TX*
CO-MODERATOR: David T. Harrington, MD, FACS, *Providence, RI*

The Association of Program Directors in Surgery (APDS) presents two panels on key issues in surgery resident education. The first panel is titled Confidence: Getting Comfortable with the State of Being Uncomfortable. The second panel is titled The Role of the Program Director in Faculty Development. Panels will include talks by expert speakers as well as a panel discussion. The annual APDS Business Meeting will follow the Panel Session from 4:15 to 5:00 pm.

Introduction
Daniel L. Dent, MD, FACS, San Antonio, TX

Panel 1: Confidence: Getting Comfortable with the State of Being Uncomfortable
Daniel L. Dent, MD, FACS, San Antonio, TX

More is Not Necessarily Better: Beyond Case Numbers
John G. Hunter, MD, FACS, Portland, OR

How Do You Inspire Residents: Walk the Walk/ Importance of Program Director Role
M. Timothy Nelson, MD, FACS, Albuquerque, NM

Resident Perspective on How to Build Confidence and Autonomy
Jason W. Kempenich, MD, FACS, Biloxi, MS

The Need to Teach the Teachers: The European Perspective
Brian J. Dunkin, MD, FACS, Houston, TX

Panel 2: The Role of the Program Director in Faculty Development
David T. Harrington, MD, FACS, Providence, RI

Giving Faculty an Active Role in Development of the Didactic and Technical Curricula
Brian J. Kaplan, MD, FACS, Richmond, VA

Getting Faculty Feedback on Their Teaching and Teaching Behaviors
Kyla P. Terhune, MD, MBA, FACS, Nashville, TN

Opportunities for a Faculty Teaching Curriculum: Resources Within and Outside the Department
Fred A. Luchette, MD, MSc, FACS, Chicago, IL

A Hidden Faculty Curriculum
Thomas J. Miner, MD, FACS, Providence, RI

Sponsored by the Association of Program Directors in Surgery and the Division of Education

PS224 | 2:30-4:00 pm
Acute Pancreatitis: What's New and What's Changing?

LOCATION: Hall D

TRACKS: GEN, RUS, TRA
MODERATOR: Katherine A. Morgan, MD, FACS, *Charleston, SC*
CO-MODERATOR: Kevin E. Behrns, MD, FACS, *Gainesville, FL*

Acute pancreatitis is a common and challenging disease frequently managed by general surgeons. The urgent treatment decisions are evolving; for example, when to operate in gallstone pancreatitis is always a tough timing decision. Whether to operate in severe pancreatitis cases remains controversial. This panel will discuss the treatment decisions and proper interventions in this complex disease.

Introduction
Katherine A. Morgan, MD, FACS, Charleston, SC

Kevin E. Behrns, MD, FACS, Gainesville, FL
Peter A. Banks, MD, Boston, MA
Gregory A. Cote, MD, MS, Charleston, SC
Nicholas J. Zyromski, MD, FACS, Indianapolis, IN
Taylor S. Riall, MD, PhD, FACS, Tucson, AZ

Sponsored by the Advisory Council for General Surgery

PS225 | 2:30-4:00 pm
Breast Cancer: Genetics, Risk-Assessment, and Genome Profiling

LOCATION: Ballroom A

TRACKS: GEN, ONC
MODERATOR: Lisa A. Newman, MD, MPH, FACS, FASCO, *Detroit, MI*
CO-MODERATOR: E. Shelley Hwang, MD, MPH, FACS, *Durham, NC*

This session will review the new guidelines regarding breast cancer risk-assessment and genetic mutation testing. In addition to breast cancer susceptibility gene (BRCA) mutation testing it will also discuss the newer multi-gene panels and indications for their use. Management of the mutation results in regards to surgical decision making and how to incorporate the identification, testing, and treatment into the surgeon's practice will be discussed.

Introduction
Lisa A. Newman, MD, MPH, FACS, FASCO, Detroit, MI

Risk-Assessment: Understanding and Using the Models
Kevin S. Hughes, MD, FACS, Boston, MA

Beyond Breast Cancer Susceptibility Gene
Claudine Isaacs, MD, Washington, DC

Molecular Diagnostics for Breast Cancer Prognosis and Treatment
Pat W. Whitworth, MD, FACS, Nashville, TN

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Plastic and Maxillofacial Surgery

PS226 | 2:30-4:00 pm
Chest Wall Injuries: Innovative Approaches and Management

LOCATION: 143BC

TRACKS: CTS, GEN, TRA
MODERATOR: Mark J. Seamon, MD, FACS, *Philadelphia, PA*
CO-MODERATOR: John C. Mayberry, MD, FACS, *Boise, ID*

Thoracic injuries are extremely common following blunt trauma. New and innovative approaches to management of rib fractures and flail chest (operative fixation), sternal fractures, hemothorax drainage with 14 French pigtail catheters, and early video-assisted thoracic surgery (VATS) will be discussed. This session will review specific technical options for surgical management of rib and sternal fractures (absorbable vs. non-absorbable plates), appropriate patient/injury indications for rib and sternal fracture fixation, data regarding optimal use of low-profile 14 French pigtail catheters for hemothorax/pneumothorax, and VATS indications.

Introduction
Mark J. Seamon, MD, FACS, Philadelphia, PA

Chest Wall Injuries: Innovative Approaches and Management Small Caliber Tube Drainage
Peter M. Rhee, MD, MPH, FACS, FCCM, Tucson, AZ

Chest Wall Injuries: Innovative Approaches and Management Thrombolytics for Hemothorax
Kenji Inaba, MD, FACS, FRCSC, Los Angeles, CA

Chest Wall Injuries: Innovative Approaches and Management Early VATS
Jeremy W. Cannon, MD, FACS, Philadelphia, PA

Chest Wall Injuries: Innovative Approaches and Management Rib Fixation
Don H. Van Boerum, MD, FACS, Holladay, UT

Sponsored by the Advisory Council for Cardiothoracic Surgery

PS227 | 2:30-4:00 pm
Hemodialysis Access

LOCATION: 140

TRACKS: GEN, VAS
MODERATOR: Alan M. Dietzek, MD, FACS, *Danbury, CT*
CO-MODERATOR: Larry Scher, MD, FACS, *Bronx, NY*

This session will address the following: optimal workup and algorithm of patients needing access for hemodialysis; the role of fistulae and grafts; alternative strategies for difficult access, including lower extremity and central catheters; how to avoid and manage steal syndrome; how to manage central stenosis and arm swelling; and how to manage access thrombosis.

Introduction
Alan M. Dietzek, MD, FACS, Danbury, CT

How to Avoid and Manage Steal Syndrome Resulting From Hemodialysis Access
Larry Scher, MD, FACS, Bronx, NY

Optimal Patient Workup for Autogenous Hemodialysis Access
Alan M. Dietzek, MD, FACS, RPVI, Danbury, CT

Alternative Graft Materials for Dialysis Access
Matthew J. Dougherty, MD, FACS, Philadelphia, PA

Alternative Strategies for Hemodialysis Access Including Lower Extremity and Central Catheters
Alan Glickman, MD, FACS, Virginia Beach, VA

How to Manage Central Venous Stenosis and Arm Swelling in the Hemodialysis Patient
Richard F. Neville, MD, FACS, Washington, DC

How to Manage Access Thrombosis
John R. Ross, MD, FACS, Orangeburg, SC

Sponsored by the Advisory Council for Vascular Surgery

PS228 | 2:30-4:00 pm
Human Genomics and Personalized Medicine in Surgical Practice

LOCATION: 202A

TRACKS: BTR, GEN, NEU, ONC
MODERATOR: Kelly K. Hunt, MD, FACS, *Houston, TX*
CO-MODERATOR: Funda Meric-Bernstam, MD, FACS, *Houston, TX*

Major breakthroughs have occurred in human genomics during the last decade. Tools are now available to determine prognosis and predict response to therapy in oncology. In addition to mutations in the tumor, germline genomics are being pursued to understand pharmacogenetics of therapeutics in the individual patient. As

technology has advanced ethical, social, and legal issues have emerged that continue to shape the field. The Cancer Genome Atlas has used high-throughput genome sequencing to identify changes in DNA sequences associated with specific types of cancer. Newer technologies have emerged including sequencing of cell-free plasma DNA. This session explores available technologies for cancer diagnosis and treatment, implementation of genetic information into practice and discussion of economics and policy of personalized medicine.

Introduction
Kelly K. Hunt, MD, FACS, Houston, TX

Genetic Predisposition to Breast Cancer: Navigating a Changing Landscape
David M. Euhus, MD, FACS, Dallas, TX

Liquid Biopsies for Disease Monitoring and Precision Medicine
Ben Ho Park, MD, PhD, Baltimore, MD

The Curative Potential of Cell Transfer Immunotherapy for Cancer
Steven A. Rosenberg, MD, PhD, Bethesda, MD

Understanding the Heterogeneity and Dynamics of Anti-Tumor Responses, and the Critical Role of Surgeons in Driving Such Studies
Jennifer A. Wargo, MD, Boston, MA

Sponsored by the Scientific Forum Committee

PS229 | 2:30-4:00 pm
Principles of Leadership for the Young Surgeon

LOCATION: Ballroom C

TRACKS: EDU, GEN, RES-MED
MODERATOR: Paula Ferrada, MD, FACS, *Richmond, VA*
CO-MODERATOR: Shannon N. Acker, MD, *Denver, CO*

As surgeons, we are leaders in the operating room, in the clinic, and even in the hospital without ever needing a title. This panel will help young surgeons develop basic leadership awareness and position themselves to become leaders even before they have an official title.

Introduction
Paula Ferrada, MD, FACS, Richmond, VA

The Importance of Leadership at Every Stage of Our Career
Paula Ferrada, MD, FACS, Richmond, VA

From Resident and Associate Society to Young Fellows Association and Beyond
Jacob Moalem, MD, FACS, Rochester, NY

Leadership and Minorities: Is This Still A Consideration?
Patricia L. Turner, MD, FACS, Chicago, IL

Leadership within the American College of Surgeons, How to Get Involved and Maintain that Involvement over the Years
Ronald V. Maier, MD, FACS, Seattle, WA

Take-Home Points: Staying Involved
Shannon N. Acker, MD, Denver, CO

Sponsored by the Young Fellows Association and the Resident and Associate Society

PS230 | 2:30-4:00 pm
What Do I Need to Know about Abdominal Aortic Aneurysms?

LOCATION: 149

TRACKS: GEN, RUS, VAS
MODERATOR: Robert S. Crawford, MD, FACS, *Baltimore, MD*
CO-MODERATOR: Luke P. Brewster, MD, PhD, FACS, *Atlanta, GA*

This session will discuss the contemporary diagnosis and management of abdominal aortic aneurysms (AAA), focusing on the principles that all surgeons need to know. Topics will include: How do we manage ruptured aneurysms effectively? What is the optimal management of small aneurysms? How do we do proper radiological diagnosis and follow-up? What do I do with an aneurysm on the computed tomography scan? How do we manage endoleak or sac expansion?

Introduction
Robert S. Crawford, MD, FACS, Baltimore, MD

He's Got An Aneurysm: Now What?
Venita Chandra, MD, Stanford, CA

Current Management of Small Aortic Aneurysms
John A. Curci, MD, FACS, Nashville, TN

Radiation Safety/Biology and Follow-Up Paradigms for Open and Endovascular Aneurysm Repair
Melissa L. Kirkwood, MD, FACS, Dallas, TX

Surgical (Open and Endo) Management of Abdominal Aortic Aneurysms
Gilbert R. Upchurch, MD, FACS, Charlottesville, VA

Sponsored by the Advisory Council for Vascular Surgery

PS231 | 2:30-5:45 pm
Ethics Colloquium: Burning Issues in Surgical Ethics

LOCATION: 202B

TRACKS: ETH, HP, RUS
MODERATOR: Eric A. Singer, MD, MA, FACS, *New Brunswick, NJ*
CO-MODERATOR: Sharmila Dissanaike, MD, FACS, *Lubbock, TX*

Contemporary surgical practice continues to pose myriad ethical challenges. This case-based colloquium focuses on modern ethical dilemmas faced by a wide spectrum of academic and community surgeons. Areas to be explored include the following: decreased specialist on-call coverage resulting in patient transfers; traveling surgeons providing needed surgical care but little postoperative care to underserved communities in the U.S; media access to the trauma bay and operating room; and concurrent surgery. Each speaker will discuss one of these issues using a case to highlight the dimensions of the ethical problem, followed by expert commentary from a faculty panel, and audience input.

Introduction
Eric A. Singer, MD, MA, FACS, New Brunswick, NJ

ETHICS CONSULT: CASE 1
Surgeons Not Taking After-Hours Call in Rural or Underserved Settings
Dhiresh R. Jeyarajah, MD, FACS, Dallas, TX
Angela M. Ingraham, MD, Chicago, IL

ETHICS CONSULT: CASE 2
Itinerant Surgery or Serving the Needy in the U.S.?
Tyler G. Hughes, MD, FACS, McPherson, KS
Kristy K. Broman, MD, MPH, Nashville, TN

ETHICS CONSULT: CASE 3
Reality TV in the OR and Trauma Bay: Informative, Entertainment, or Interference?
Anne C. Mosenthal, MD, FACS, Newark, NJ
Ryan M. Antiel, MD, Rochester, MN

ETHICS CONSULT: CASE 4
Concurrent Surgery: Always, Sometimes, or Never?
Alexander Langerman, MD, SM, FACS, Nashville, IL
Griffin A. Harsh, IV, MD, FACS, MA, Stanford, CA

Sponsored by the Committee on Ethics

PS232 | 4:15-5:45 pm
Clinical Trial Results and Implementation into the Surgical Oncology Practice Today

LOCATION: 201

TRACK: ONC
MODERATOR: Nancy N. Baxter, MD, FACS, *Toronto, ON*
CO-MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

The immediate challenge to improving the quality of surgical care is not discovering new knowledge but rather integrating what we already know into practice. This panel will present the results from the highest impact surgical clinical trials in cancer that have reported results during the last one-plus year; discuss how these results should impact the current management of the surgical oncology patient; provide an overview and familiarize surgeons with state-of-the-art strategies for translating research into practice; and address barriers to successful implementation and how to overcome them. Studies covered will depend on the reporting of clinical trial results, but will likely include topics such as neoadjuvant chemotherapy for breast cancer and laparoscopic resection of rectal cancer.

Introduction
Nancy N. Baxter, MD, FACS, Toronto, ON
Judy C. Boughey, MB, BChir, FACS, Rochester, MN

Incorporation of Clinical Trials into Clinical Practice—Management of the Axilla in Breast Cancer Patients Treated with Surgery First
Armando E. Giuliano, MD, FACS, FRCSEd, Los Angeles, CA

Incorporation of Clinical Trials into Clinical Practice—Management of the Axilla in Breast Cancer Patients Treated with Neoadjuvant Chemotherapy
Judy C. Boughey, MB, BChir, FACS, Rochester, MN

Laparoscopic Management of Rectal Cancer
David W. Larson, MD, MBA, FACS, FASCRS, Rochester, MN

Flexibility in Duty Hour Requirements for Surgical Trainees (FIRST) Trial—Results and Incorporation into Practice
Karl Y. Bilimoria, MD, FACS, Chicago, IL

Optimizing Cancer Care Delivery through Implementation Science
Caprice C. Greenberg, MD, MPH, FACS, Madison, WI

Sponsored by the ACS Clinical Research Program Education Committee

PS233 | 4:15-5:45 pm
Is It Time for Me to Retire as a Surgeon?

LOCATION: Ballroom C

TRACK: GEN
MODERATOR: Jon A. van Heerden, MB, BCh, FACS, FRCSC, FRCSEdin(Hon), Seabrook Island, SC
CO-MODERATOR: Michael G. Sarr, MD, FACS, *Rochester, MN*

Panelists discuss appropriate analysis of the pros and cons of retiring from a surgical career. Candid discussions will address topics including health insurance, Social Security, pension, humanitarian trips, and triggers that have led others to retire.

Introduction
Jon A. van Heerden, MB, BCh, FRCSC, FACS, FRCSEdin(Hon), Seabrook Island, SC

Presenters:
Michael G. Sarr, MD, FACS, Rochester, MN
Gerald J. Bechamps, MD, FACS, Winchester, VA
Frederick L. Greene, MD, FACS, Charlotte, NC
Kim Bryan, JD, Chicago, IL

Sponsored by the Advisory Council for General Surgery

PS234 | 4:15-5:45 pm
Life-Threatening Perioperative Anesthetic Complications

LOCATION: Ballroom A

TRACKS: EDU, OTO, TRA
MODERATOR: Ghali E. Ghali, DDS, MD, FACS, FRCSEd, *Shreveport, LA*
CO-MODERATOR: Amy L. Halverson, MD, FACS, *Chicago, IL*

This panel session will focus on the potentially life-threatening perioperative anesthetic complications that may be encountered during the management of the surgical patient. Experts in the respective fields of surgery and anesthesia will collaborate in an educational format to provide an outcomes and safety-based session. Participants in this panel session will receive, in an interactive format, a detailed review of the more clinically relevant complications including: massive hemorrhage, opioid-induced respiratory depression in the post-anesthesia care unit, obstructive sleep apnea, and emergent airway difficulties.

Introduction
Ghali E. Ghali, DDS, MD, FACS, FRCSEd, Shreveport, LA

Life-Threatening Perioperative Anesthetic Complications: Perioperative Preparedness
Charles J. Fox III, MD, Shreveport, LA

Life-Threatening Perioperative Anesthetic Complications: Major Issues Surrounding Perioperative Morbidity and Mortality
R. Lebron Cooper, MD, Memphis, TN

Life-Threatening Perioperative Anesthetic Complications: A Surgeon's Perspective
Vasiliki Karlis, MD, FACS, Greenwich, CT

Sponsored by the Committee on Perioperative Care

PS235 | 4:15-5:45 pm
Management of Complex Enterocutaneous Fistulas

LOCATION: Hall D

TRACKS: CRS, GEN, TRA
MODERATOR: Joseph C. Carmichael, MD, FACS, FASCRS, *Orange, CA*
CO-MODERATOR: Richard S. Miller, MD, FACS, *Nashville, TN*

Enterocutaneous fistulas are challenging to manage. The panel will discuss principles of sepsis control, nutrition, radiological assessment, and operative management. In addition to bowel resection, closure of the abdominal wall often requires a multidisciplinary approach.

Introduction
Joseph C. Carmichael, MD, FACS, FASCRS, Orange, CA

Enterocutaneous Fistulas: Initial Assessment, Treatment, and Timing of Interventions
Robert G. Martindale, MD, PhD, FACS, Portland, OR

Metabolic and Nutritional Support of the Enterocutaneous Fistula Patient
Traci L. Hedrick, MD, MS, FACS, FACRS, Charlottesville, VA

Endoscopic and Percutaneous Management of Enterocutaneous Fistulas: What is the Evidence?
David A. Margolin, MD, FACS, New Orleans, LA

Operative Management of Enterocutaneous Fistulas Including Concomitant Ventral Hernia
Michael P. Bannon, MD, FACS, Rochester, MN

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for General Surgery

PS236 | 4:15-5:45 pm
Palliative Care in High-Risk (Elderly, Frail, and Cancer) Patients

LOCATION: Ballroom B

TRACKS: EDU, GEN, GER
MODERATOR: Emily V. A. Finlayson, MD, FACS, *San Francisco, CA*
CO-MODERATOR: Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Several reviews have documented palliative surgical interventions are frequently performed for control of pain, dyspnea, and wound complications. The need for surgical palliation is likely to increase with an aging population and longer survival of patients with oncologic and non-oncologic disease such as cardiomyopathy. To date, much of the literature and education about palliative care for surgeons has been directed toward general surgeons, despite the fact that palliative surgical interventions are done by neurosurgeons, orthopaedists, thoracic, and urologic surgeons. This panel will identify several effective palliative interventions performed by surgical subspecialists for highly symptomatic patients with advanced disease and the role of general surgeons and intensivists in collaborating with their subspecialist colleagues in the conduct of nonoperative aspects of palliative care.

Introduction
Emily V. A. Finlayson, MD, FACS, San Francisco, CA

Another Layer of Support: The Role for Preoperative Palliative Care for Older, Seriously Ill patients
Zara Cooper, MD, MSc, FACS, Boston, MA

Engaging Patients and Families in High Stakes Surgical Decisions
Margaret L. Schwarze, MD, FACS, Madison, WI

Palliative Surgery: What is the Optimal Outcome?
Brian D. Badgwell, MD, FACS, Houston, TX

Sponsored by the Committee on Surgical Palliative Care

PS237 | 4:15-5:45 pm
Social Media and Surgical Education

LOCATION: 202A

TRACKS: EDU, INFO, RES-MED
MODERATOR: Brian P. Jacob, MD, FACS, *New York, NY*
CO-MODERATOR: Niraj J. Gusani, MD, MS, FACS, *Hershey, PA*

By embracing social media as a collaborative forum, surgeons can more effectively and transparently obtain immediate global feedback that in turn has potential to improve both patient outcomes as well as the quality of care we provide. Risks and benefits of using social media for educating surgeons will be discussed.

Introduction
Brian P. Jacob, MD, FACS, New York, NY

Twitter for Surgical Education and Information Dissemination
Niraj J. Gusani, MD, MS, FACS, Hershey, PA

Facebook Groups for Surgical Education and Collaboration
Brian P. Jacob, MD, FACS, New York, NY

Patient-Focused Communities and Forums (Benefits and Risks)
Shirin Towfigh, MD, FACS, Beverly Hills, CA

When a Post or Tweet Goes Wrong: Risks and Downsides of Using Social Media Platforms for Surgical Education
Michael J. Rosen, MD, FACS, Solon, OH

Virtual Reality and Beyond: Future of Telementoring and Collaboration for Surgical Education
Heather L. Evans, MD, MS, FACS, Seattle, WA

Importance of Informed Consent and Discoverability When Sharing Health Insurance Portability and Accountability Act of 1996 Compliant Information on Social Media Platforms
Danielle S. Walsh, MD, FACS, Greenville, NC

Social Media Sharing of Presentation Slides during Academic Medical and Surgical Meetings: Intellectual Property Violation or Basic Human Right?
Thomas K. Varghese, Jr., MD, MS, FACS, Salt Lake City, UT

Social Media Guidelines for Surgeons Starting Their Practice
Sean J. Langenfeld, MD, FACS, Omaha, NE

Sponsored by the Health Information Technology Committee

PS238 | 4:15-5:45 pm
Thoracic Outlet Syndrome

LOCATION: 145

TRACKS: CTS, NEU, VAS
MODERATOR: Robert W. Thompson, MD, FACS, *St. Louis, MO*
CO-MODERATOR: Dean M. Donahue, MD, FACS, *Boston, MA*

This session will address the basic diagnosis and management of patients with a swollen arm, especially in athletes. How do we make the diagnosis—neurogenic, venous, or arterial? What is the role of medical management and physical therapy? What do we do with patients on worker's compensation? Is there a role for Botox?

Introduction
Robert W. Thompson, MD, FACS, St. Louis, MO

Diagnosis, Classification, and Initial Management of the Patient Suspected to Have Thoracic Outlet Syndrome
Dean M. Donahue, MD, FACS, Boston, MA

Surgical Approaches to the Treatment of Thoracic Outlet Syndromes
Karl A. Illig, MD, FACS, Rochester, NY

Outcomes of Treatment for Thoracic Outlet Syndromes in Competitive Athletes and Other At-Risk Occupations
Gregory J. Pearl, MD, FACS, Dallas, TX

Complications of Treatment and Management of Recurrent Thoracic Outlet Syndromes
Robert W. Thompson, MD, FACS, St. Louis, MO

Sponsored by the Advisory Council for Vascular Surgery and the Advisory Council for Cardiothoracic Surgery

PS239 | 4:15-5:45 pm
Workup and Management of a Functional Adrenal Mass

LOCATION: 207A

TRACKS: CRS, GEN, PED, URO
MODERATOR: Carmen C. Solorzano, MD, FACS, *Nashville, TN*
CO-MODERATOR: Michael A. Palese, MD, *New York, NY*

With the increasing use of abdominal imaging, adrenal incidentalomas are frequently identified. The initial assessment of an adrenal nodule includes a functional workup to evaluate for pheochromocytoma, hyperaldosteronism, and Cushing's syndrome. This session will discuss: (1) functional workup options (labs and imaging) and criteria for the diagnosis of pheochromocytoma, hyperaldosteronism, and Cushing's syndrome; (2) management options for these three entities; (3) preoperative preparation and intraoperative management of pheochromocytoma; (4) surgical approaches to adrenalectomy (open, transabdominal, or retroperitoneoscopic laparoscopic, robotic) and (5) short- and long-term outcomes from surgery.

Introduction
Carmen C. Solorzano, MD, FACS, Nashville, TN

Management of Adrenal-Based Cushing's
Tracy S. Wang, MD, MPH, FACS, Milwaukee, WI

Advances in the Management of Pheochromocytoma
Nancy D. Perrier, MD, FACS, Houston, TX

Surgical Management of Primary Aldosteronism
William B. Inabnet III, MD, FACS, New York, NY

The Adrenal Mass Without Clear Evidence of Hormonal Overproduction: Observe, Remove, and How?
Quan-Yang Duh, MD, FACS, San Francisco, CA

Sponsored by the Advisory Council for General Surgery

Wednesday, October 19

PS300 | 8:00-9:30 am
Cholecystectomy 2016: Achieving a Culture of Safety

LOCATION: Hall D

TRACKS: GEN, RUS, TRA
MODERATOR: Steven M. Strasberg, MD, FACS, *St. Louis, MO*
CO-MODERATOR: L. Michael Brunt, MD, FACS, *St. Louis, MO*

Since the widespread implementation of laparoscopic cholecystectomy 26 years ago, the rate of bile duct injury has remained elevated, extracting substantial human and economic costs. Strategies to avoid bile duct injury focus on preoperative risk-assessment, anatomic knowledge, operative dissection, verification of the critical view of safety, intraoperative bile duct imaging, and familiarity with alternatives to total cholecystectomy for difficult cases.

Introduction
Steven M. Strasberg, MD, FACS, St. Louis, MO

Safe Cholecystectomy: Society of American Gastrointestinal and Endoscopic Surgeons Joins the Fight
L. Michael Brunt, MD, FACS, St. Louis, MO

Traps, BIFs, and Bailouts
Steven M. Strasberg, MD, FACS, St. Louis, MO

Bile Ducts Glowing in the Dark: Does it Help?
Dana A. Telem, MD, FACS, Stony Brook, NY

The "How-To" of Open and Laparoscopic Subtotal Cholecystectomy
Michael J. Pucci, MD, FACS, Philadelphia, PA

Panel Discussion
Horacio J. Asbun, MD, FACS, Jacksonville, FL

Panel Discussion
Daniel J. Deziel, MD, FACS, Chicago, IL

Sponsored by the Advisory Council for General Surgery

PS301 | 8:00-9:30 am
Compartment Syndrome: What Every Surgeon Should Know

LOCATION: Ballroom C

TRACKS: ORT, TRA, VAS
MODERATOR: Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*
CO-MODERATOR: Martin A. Schreiber, MD, FACS, *Portland, OR*

Compartment syndrome remains a common cause of adverse patient outcomes, affecting both life and limb. Even in 2016, the timely diagnosis and treatment of compartment syndrome remains a major challenge. A practical approach to the

diagnosis and treatment of extremity and abdominal compartment syndrome will be presented. Diagnostic options, treatment triggers, and critical pitfalls will be discussed using a series of multimedia, video-enhanced presentations.

Introduction
Kenji Inaba, MD, FACS, FRCSC, Los Angeles, CA

Abdominal Compartment Syndrome
Martin A. Schreiber, MD, FACS, Portland, OR

Brain Compartment Syndrome
Thomas M. Scalea, MD, FACS, MCCM, Baltimore, MD

Thigh, Buttock, and Upper Extremity Compartment Syndrome
Demetrios Demetriades, MD, PhD, FACS, Los Angeles, CA

Lower Extremity Compartment Syndrome
Kenji Inaba, MD, FACS, FRCSC, Los Angeles, CA

Sponsored by the Committee on Trauma

PS302 | 8:00-9:30 am
The Evolving Role of Surgical Resection after Preoperative Therapy for Locally Advanced Hepatobiliary Cancers

LOCATION: 202A

TRACKS: GEN, ONC
MODERATOR: Charles R. Scoggins, MD, MBA, FACS, *Louisville, KY*
CO-MODERATOR: Rebekah R. White, MD, FACS, *Durham, NC*

Advances in systemic therapy for hepatobiliary cancer have yielded improved response rates. Many patients with extensive hepatic disease have become surgical candidates after preoperative systemic therapy. This panel will discuss the role of the surgeon in the evaluation and management of this population of patients.

Introduction
Charles R. Scoggins, MD, MBA, FACS, Louisville, KY

Liver Resection after Chemotherapy for Colorectal Liver Metastases
Michael I. D'Angelica, MD, FACS, New York, NY

Liver Resection after Hepatic Arterial Therapy for Hepatocellular Carcinoma
Robert C. G. Martin, MD, PhD, FACS, Louisville, KY

Neoadjuvant Therapy as Bridge to Liver Transplantation for Hilar Cholangiocarcinoma
Charles B. Rosen, MD, FACS, Rochester, MN

Discussion
Rebekah R. White, MD, FACS, Durham, NC

Sponsored by the Advisory Council for General Surgery

PS303 | 8:00-9:30 am
Eyelid and Orbital Masses and Deformities: Diagnosis and Management

LOCATION: 206

TRACKS: NEU, OPHTHO, OTO
MODERATOR: Edward L. Raab, MD, FACS, *New York, NY*
CO-MODERATOR: Carl H. Snyderman, MD, FACS, *Pittsburgh, PA*

This panel will consider congenital and acquired entities that call for diagnosis and correction often by the combined efforts of several surgical subspecialties, including head and neck surgeons, plastic surgeons, and on occasion, neurosurgeons. Correction of eyelid and orbital deformities are important for creating or restoring normal function as well as for a more acceptable appearance. Benign and malignant entities may present with differing approaches for the application of best practice and achievement of a satisfactory outcome. For some conditions, the order in which their components might be resolved or factors influencing the choice among several alternative treatments will be presented. Comments and questions from the audience are invited.

Introduction
Edward L. Raab, MD, FACS, New York, NY

Ocular and Visual Complications of Eyelid and Orbital Disorders
Edward L. Raab, MD, FACS, New York, NY

Resection of Orbital Tumors
Benjamin S. Bleier, MD, FACS, Pittsburgh, PA

Surgery of Orbital Fractures: Whether and When
Susan T. Stefko, MD, FACS, Pittsburgh, PA

Exenteration for Sinonasal Malignancies
Vijay Ramakrishnan, MD, Aurora, CO

Sponsored by the Advisory Council for Ophthalmic Surgery and the Advisory Council for Otolaryngology–Head & Neck Surgery

PS304 | 8:00-9:30 am
New Approaches to an Old Problem: Pediatric Abdominal Wall Defects

LOCATION: 144

TRACKS: GEN, PED, PLA
MODERATOR: Anthony D. Sandler, MB, BCh, FACS, FAAP, *Washington, DC*
CO-MODERATOR: KuoJen Tsao, MD, FACS, *Houston, TX*

This panel will discuss new modalities for the closure of pediatric abdominal wall defects including sutureless gastroschisis closure, methods for closure of giant omphalocoele, and use of separation of components for complicated abdominal wall defects.

Introduction
Anthony D. Sandler, MB, BCh, FACS, FAAP, Washington, DC
KuoJen Tsao, MD, FACS, Houston, TX

Sponsored by the Advisory Council for Pediatric Surgery

PS305 | 8:00-9:30 am
Oncoplastic Surgery: Aiding the Treatment of Women with Breast Cancer

LOCATION: 145

TRACKS: GEN, ONC, PLA
MODERATOR: Leslie L. Montgomery, MD, FACS, *Hackensack, NJ*
CO-MODERATOR: Mark W. Clemens, MD, FACS, *Houston, TX*

Panelists would cover a variety of new surgical techniques that facilitates better patient care for women with breast cancer. Discussion of how collegial versus combative interaction between plastic, breast, and general surgeons has evolved. Should our surgical training programs graduate specialists that can both resect and reconstruct for our patients needing breast surgery?

Introduction
Leslie L. Montgomery, MD, FACS, Hackensack, NJ

Oncologic Considerations during Oncoplastic Surgery
Kelly K. Hunt, MD, FACS, Houston, TX

Oncoplastic Techniques for Locally Advanced or Multifocal Breast Cancer
Mark W. Clemens, MD, FACS, Houston, TX

Timing of Oncoplastic Surgery with Radiotherapy and Management of Contralateral Breast
Eric Strom, MD, FACS, Houston, TX

Oncologic Safety of Fat Grafting
Liza C. Wu, MD, FACS, Bryn Mawr, PA

Sponsored by the Advisory Council for Plastic and Maxillofacial Surgery, the Advisory Council for General Surgery, and the Committee on Trauma

PS306 | 8:00-9:30 am
What's New in Surgical Critical Care?

LOCATION: Ballroom A

TRACKS: GEN, TRA
MODERATOR: Christine S. Cocanour, MD, FACS, *Sacramento, CA*
CO-MODERATOR: Jay A. Johannigman, MD, FACS, *Cincinnati, OH*

This session will review evidence-based guidelines and new pivotal clinical trials in sepsis management (ProCESS, ARISE, and ProMISe) and others. Panel members will discuss new strategies for assessment of adequacy of resuscitation in shock states including bedside transthoracic echocardiography by the intensive care unit team, continuous transesophageal echocardiography, FloTrac, and other devices to assess and optimize cardiac performance. This session will also review and discuss new clinical trials and changes in nutritional support in surgical critical care comparing enteral versus parenteral nutrition and optimal caloric intake required for critically ill patients.

Introduction
Christine S. Cocanour, MD, FACS, Sacramento, CA
Jay A. Johannigman, MD, FACS, Cincinnati, OH

What's New in Sepsis and Sepsis Management?
Laura J. Moore, MD, FACS, Houston, TX

Assessment and Optimization of Shock Resuscitation Using Ultrasound and Other Noninvasive Devices
Paula Ferrada, MD, FACS, Richmond, VA

Update on Nutritional Support in Surgical Critical Care
Robert G. Martindale, MD, PhD, FACS, Portland, OR

Question Session
Christine S. Cocanour, MD, FACS, Sacramento, CA

Sponsored by the Resident and Associate Society, the Committee on Trauma, and the Advisory Council for General Surgery

PS307 | 8:00-11:15 am
Spectacular Cases

LOCATION: 150

TRACKS: GEN, RES-MED
CO-MODERATORS:
Juan C. Paramo, MD, FACS, Miami Beach, FL
A. Frederick Schild, MD, FACS, Miami, FL

In this session, residents present spectacular cases to a panel group of experts. The cases are presented in a format that this is similar to a morbidity and mortality conference. An interactive discussion ensues, with presenters challenging the panel to dispute the course of action taken in very difficult and unusual circumstances. This session includes audience participation.

Introduction
Juan C. Paramo, MD, FACS, Miami Beach, FL
A. Frederick Schild, MD, FACS, Miami, FL

Panelists
Patrick J. O'Leary, MD, FACS, Lake Oswego, OR
J. David Richardson, MD, FACS, Louisville, KY
Spence McLean Taylor, MD, FACS, Greenville, SC
Michael C. Smith, Staten Island, NY

Multisystem Traumas: How Bad Can It Get?
Michael C. Smith, MD, Staten Island, NY

Multivisceral Abdominal Resection for Gastrointestinal Stromal Tumor after Failed Neoadjuvant Imatinib Therapy
James Christian Michael Brown, MD, Gainesville, FL

Life-Threatening Hypercalcemia due to Ectopic Intact Parathyroid Hormone Secretion from a Poorly Differentiated Endometroid Carcinoma
Nizar Hariri, MD, Charleston, WV

Multidisciplinary Care Leads to Survival with Multiple Peptic Ulcer Bleeds
Michelle Junker, MD, Rochester, MN

Concomitant Cecal Perforation, Congestive Heart Failure, and Acute Respiratory Distress Syndrome
Shennen A. Mao, MD, Rochester, NY

56 Year-Old-Male with Prior Aortogastric Fistula, Aortic Stenting, and Gastrectomy, Referred for Enteric Reconstruction
Anna C. Weiss, MD, Houston, TX

The Difficult Aorta
Markus T. Ziesmann, MD, Winnipeg, MB

Sponsored by the Resident and Associate Society and the Advisory Council for General Surgery

PS308 | 9:45-11:15 am
Advanced Endoscopic Techniques

LOCATION: 145

TRACKS: CRS, GEN, RUS
MODERATOR: Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*
CO-MODERATOR: Emre Gorgun, MD, FACS, FASCRS, *Cleveland, OH*

A number of newer endoscopic techniques, such as intraluminal stents, saline-assisted polypectomy, and endoscopic submucosal resection are available to manage patients. The panel will discuss indications and therapeutic techniques.

Introduction
Peter W. Marcello, MD, FACS, FASCRS, Burlington, MA

Endoscopic Imaging for Colorectal Dysplasia: Anything Relevant to My General Practice?
Jonathan Cohen, MD, New York, NY

From Endoscopic Mucosal Resection to Endoscopic Submucosal Dissection: How Do I Get There?
Stavros N. Stavropoulos, MD, FACG, Mineola, NY

Double-Channel Endoscopy and Other Tricks
Peter W. Marcello, MD, FACS, FASCRS, Burlington, MA

Endoluminal Resection and Suturing: Ready for Prime Time?
Sergey Kantsevoy, MD, PhD, Baltimore, MD

CELS: Combined Endo-laparoscopic Surgery
Sang W. Lee, MD, FACS, Los Angeles, CA

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for Rural Surgery

PS309 | 9:45-11:15 am
Cardiothoracic Surgery Maintenance of Certification at Your Own Institution

LOCATION: 140

TRACKS: CTS, GEN
MODERATOR: Stephen C. Yang, MD, FACS, *Baltimore, MD*
CO-MODERATOR: Richard L. Prager, MD, FACS, *Ann Arbor, MI*

This panel session will focus on methods to develop group, institutional, and/or regional activities to provide evidence of Maintenance of Certification (MOC). The American Board of Thoracic Surgery (ABTS) MOC allows for these efforts in lieu of an individual self-improvement project to fulfill MOC. This session will focus on projects that may be done at the group level, at a surgeon's home institution, or in partnership with a regional quality improvement organization.

Introduction
Stephen C. Yang, MD, FACS, Baltimore, MD

Regional Quality Collaboratives and Maintenance of Certification Program
Richard L. Prager, MD, FACS, Ann Arbor, MI

Maintenance of Certification: Private Practice
Alan M. Speir, MD, FACS, Falls Church, VA

Maintenance of Certification: Private Practice

American Board of Thoracic Surgery: Maintenance of Certification Guidelines
Stephen C. Yang, MD, FACS, Baltimore, MD

Sponsored by the Advisory Council for Cardiothoracic Surgery

PS310 | 9:45-11:15 am
Contemporary Management of Breast Cancer: The Definition of Adequate Margins in Breast Conservation Surgery and the Role of Sentinel Lymph Node Biopsy

LOCATION: Ballroom C

TRACKS: OBG, ONC
MODERATOR: Monica Morrow, MD, FACS, *New York, NY*
CO-MODERATOR: David J. Winchester, MD, FACS, *Evanston, IL*

A number of studies reveal variation among surgeons in the determination of what constitutes adequate margins in breast conservation surgery. As a consequence, this lack of consistency can result in additional surgery that may be unnecessary, or may be associated with increased morbidity, including inferior cosmetic outcomes, increased patient anxiety, and increased costs. Moreover, the increased application of systemic therapies has dramatically diminished the rates of local recurrence, which may be further influenced by a tumor's molecular profile. To this end, the role of sentinel lymph node biopsy has also evolved. An update will be provided on the prevailing literature and consensus recommendations that should be applied to breast conservation surgery and sentinel lymph node biopsy in the multidisciplinary approach to treatment.

Introduction
Monica Morrow, MD, FACS, New York, NY

Practice Patterns for Sentinel Node Biopsy and Re-Excision of Margins: Progress and Problems
David J. Winchester, MD, FACS, Evanston, IL

What Is an Appropriate Margin for Ductal Carcinoma In-Situ and Invasive Cancer?
Monica Morrow, MD, FACS, New York, NY

Management of the Node-Positive Axilla Without Axillary Dissection: Where Are We Now?
Armando E. Giuliano, MD, FACS, FRCSEd, Los Angeles, CA

Optimal Axillary Management in the Patient Receiving Neoadjuvant Chemotherapy
Tari A. King, MD, FACS, Boston, MA

Sponsored by the Commission on Cancer

PS311 | 9:45-11:15 am
Non-Bariatric Surgery in the Morbidly Obese

LOCATION: Ballroom A

TRACKS: GEN, OTO, RUS
MODERATOR: Konstantinos Spaniolas, MD, *Greenville, NC*
CO-MODERATOR: John T. Sinacori, MD, FACS, *Norfolk, VA*

The rate of obesity and morbid obesity in the U.S. continues to rise. As such, the presentation of a morbidly obese patient in the general surgery clinic and the emergency room is a daily occurrence and a topic of interest for all practicing general surgeons. This panel would not be discussing bariatric surgery, but instead it would have a bi-fold aim: (1) Discuss technical tips and tricks for the performance of general surgery procedures in the morbidly obese, and (2) Discuss modifications in disease management for this patient population. In this context, presentations of interest could include the preoperative and intraoperative management of: (1) gallstone disease, (2) hernias (ventral and inguinal), (3) foregut diseases (gastroesophageal reflux disease, hiatal hernias), and (4) colorectal pathology.

Introduction
Konstantinos Spaniolas, MD, Greenville, NC

Airway Management in the Bariatric Patient
John T. Sinacori, MD, FACS, Norfolk, VA

Anesthesia Considerations in the Severely Obese
J. Nicole Georgi, MD, Virginia Beach, VA

Hernia Repair in the Severely Obese:
Patient and Procedure Optimization
Gina L. Adrales, MD, MPH, FACS, Baltimore, MD

Gallstone Disease in the Severely Obese:
Liver, Visceral Fat, and Other Hurdles
Michael J. Pucci, MD, FACS, Philadelphia, PA

Morbid Obesity and Colorectal Pathology
Todd D. Francone, MD, MPH, FACS, Burlington, MA

Sponsored by the Advisory Council for General Surgery

PS312 | 9:45-11:15 am
Trauma: Challenge the Experts–Case Discussion

LOCATION: Hall D

TRACKS: GEN, RUS, TRA
MODERATOR: L. D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), *Norfolk, VA*
CO-MODERATOR: Daniel L. Dent, MD, FACS, *San Antonio, TX*

Trauma surgeons will present six difficult trauma cases with complex decision making to the audience and their fellow panelists. The other panelists and the audience will be invited to ask questions, make suggestions, and critique the case. A focus will be on optimal decision making for surgeons who have trauma as a part of their practice.

Introduction
L. D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), Norfolk, VA

Panel Discussion
Martin A. Croce, MD, FACS, Memphis, TN
Joseph P. Minei, MD, FACS, Dallas, TX
Kimberly A. Davis, MD, MBA, FACS, FCCM, New Haven, CT
Jose J. Diaz, MD, FACS, FCCM, Baltimore, MD
Amy P. Rushing, MD, FACS, Columbus, OH
L. D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), Norfolk, VA
Daniel L. Dent, MD, FACS, San Antonio, TX

Sponsored by the Committee on Trauma and the Advisory Council for General Surgery

PS313 | 9:45-11:15 am
Pediatric Neurologic Anesthetic Risks: What Do the Data Show?

LOCATION: 152A

TRACKS: GEN, NEU, PED
MODERATOR: Christopher B. Weldon, MD, PhD, FACS, FAAP, *Boston, MA*
CO-MODERATOR: David C. Yu, MD, FACS, *New Orleans, LA*

Advances in surgical techniques for newborns and infants have decreased the morbidity and mortality associated with surgical interventions in this patient population. However, evidence is accumulating that the anesthetics required to successfully complete these procedures may have an effect on the neural development in these patients. This panel discussion will address the current data regarding the risks to children from current anesthetic agents.

Introduction
Christopher B. Weldon, MD, PhD, FACS, FAAP, Boston, MA

Pediatric Neurologic Anesthetic Risks: What Does the Basic Sciences Tell Us?
Sulpicio G. Soriano, MD, FAAP, Boston, MA

Pediatric Neurologic Anesthetic Risks: What Does the Clinical Sciences Tell Us?
Mary E. McCann, MD, MPH, FAAP, Boston, MA

Pediatric Neurologic Anesthetic Risks: What Does the Surgeon Tell Us?
Steven Stylianos, MD, FACS, New Hyde Park, NY

Sponsored by the Advisory Council for Pediatric Surgery

PS314 | 9:45-11:15 am
Professional Development of Surgical Trainees

LOCATION: 144

TRACK: RES-MED
MODERATOR: Celia M. Divino, MD, FACS, *New York, NY*
CO-MODERATOR: Carrie A. Sims, MD, FACS, *Philadelphia, PA*

General surgery has one of the highest rates of resident attrition, and is one of the few where attrition has increased despite duty hour reductions. A recent study showed that an alarmingly high rate (58 percent) of residents seriously considered leaving training, with women at higher risk. The purpose of this session is to do the following: (1) frame the problem of general surgery resident attrition; (2) discuss why female residents may be at particularly high risk; (3) identify strategies to screen for medical students who are the best match for a program; and (4) report findings of the Association of Program Directors in Surgery-initiated multi-institutional task force on resident attrition.

Introduction
Celia M. Divino, MD, FACS, New York, NY

An Overview of Recent Trends in General Surgery Resident Attrition
Christian M. de Virgilio, MD, FACS, Torrance, CA

Building Bridges of Support: Mentors, Colleagues, and Mentees
Barbara L. Bass, MD, FACS, Houston, TX

Leadership: Five Tips to Help You Get Ahead While Staying Sane
Sharmila Dissanaike, MD, FACS, Lubbock, TX

Female Surgical Resident—A Risk Factor?
Keelin Flannery Roche, MD, MPH, New York, NY

Sponsored by the Committee on Resident Education and the Women in Surgery Committee

PS315 |12:00-4:00 pm
The College's International Scholars and Travelers 2016

LOCATION: 201

TRACKS: GEN, INT
MODERATOR: Giuseppe R. Nigri, MD, PhD, FACS, FRCS, FASCRS, *Rome, Italy*
CO-MODERATOR: Waddah B. Al-Refaie, MD, FACS, *Washington, DC*

For nearly 50 years, the College has provided Clinical Congress scholarships to outstanding young international surgeons. The 2016 International Scholars and Traveling Fellows will make brief presentations on their research, practice, or the state of surgery in their home countries. The International Guest Scholars, International Surgical Education Scholars, and the Exchange Fellows from Australia-New Zealand, Germany, and Japan will provide their U.S., Canadian, and international colleagues in the audience with greater insight into the art and science of surgery as practiced in diverse countries around the world.

Introduction
Giuseppe R. Nigri, MD, PhD, FACS, FRCS, FASCRS, Rome, Italy

Changing Paradigm of Plastic Surgery in Bangladesh
Tanveer Ahmed, MB, BS, FCPS, Dhaka, Bangladesh

Anterior Column Reconstruction for Degenerative Adult Spinal Deformity
Joseph S. Butler, PhD, FRCS, London, U.K.

Paving the Way from Reconstructive Surgery to Regenerative Surgery
Nai-Chen Cheng, MD, PhD, Taipei, Taiwan

Future Perspectives of Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy
Marcello Donati, MD, PhD, Catania, Italy

Surgical Training in Malaysia: Roadmap and Challenges
Christopher C.K. Ho, MD, MS, MRCSEd, MBU, AM, MFSTEd, FICS, FRCSEd, FRCS(Urol)(Glasg), FECSM, Kuala Lumpur, Malaysia

Clinical Trail to Decrease Pancreatic Fistula after Distal Pancreatectomy
Manabu Kawai, MD, PhD, Wakayama, Japan

Changes in Gastrosplenic Circulation and Splenic Function after Distal Pancreatectomy with Spleen Preservation and Splenic Vessels Excision
Gustavo Kohan, MD, Buenos Aires, Argentina

Colorectal Cancer in Jamaica—What Do The Numbers Tell Us?
Joseph Plummer, DM, Kingston, Jamaica

Liver Resections for the Treatment of Hydatid Cyst
Mauricio A. Pontillo, MD, Montevideo, Uruguay

Laparoscopic Approach to Advanced Rectal Cancer Resection
Goran Santak, MD, Pozega, Croatia

Systemic Inflammatory Response after Laparoscopic and Conventional Colectomy for Cancer: A Matched Case-Control Study
Dimitrios Tsamis, MD, MSc, PhD, Athens, Greece

Bariatric Surgery in a Government Teaching Hospital in India: Our Experience of Over Five Years
Anubhav Vindal, MB, BS, MS, DNB, MRCS (Edin), MNAMS, FAIS, FCLS, Delhi, India

Sponsored by the International Relations Committee

PS316 |12:45-2:15 pm
Assessing Your Hospital's Financial Health: How Does It Affect Your Job Hunt?

LOCATION: 145

TRACKS: HP, RUS
MODERATOR: Julie A. Conyers, MD, FACS, *Truckee, CA*
CO-MODERATOR: James W. Suliburk, MD, FACS, *Houston, TX*

The panel will discuss finances in health care, with a focus on small hospitals and ambulatory centers. It will discuss ways to access your hospitals finances (district hospital versus 501(c)(3) versus for-profit). It will also consider demographic challenges that keep hospitals healthy. Job negotiations are also addressed in this session, including salary structure, available benefits, and incentive programs which are not always transparent. Understanding what are considered reasonable requests and when to raise these issues during the interview process may pose a challenge. This panel discussion will provide insights into job negotiation for both junior and senior surgeons, and for those interested in academic and private practice.

Introduction
Julie A. Conyers, MD, FACS, Truckee, CA
Michael R. Marks, MD, MBA, Westport, CT
Bruce K. Behn, MBA, PhD, CPA, Nashville, TN

Sponsored by the Advisory Council for Rural Surgery, the Young Fellows Association, and the General Surgery Coding and Reimbursement Committee

PS317 |12:45-2:15 pm
Coagulopathy: Old Problem/New Solutions

LOCATION: Ballroom C

TRACKS: GEN, RUS, TRA, VAS
MODERATOR: Peter M. Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ*
CO-MODERATOR: Grant V. Bochicchio, MD, MPH, *St. Louis, MO*

Coagulopathy is common whether pharmacologically or traumatically induced. The Thrombelastograph Hemostasis Analyzer (TEG) seems to be becoming popular as well as the tranexamic acid (TXA) and three- and four-factor pro-thrombin complexes (PCC). This session, through the format of a debate, will look at the advantages and disadvantages as well as supporting scientific evidence to discuss whether we should all be using TEG, TXA, and PCC-type drugs.

Introduction
Peter M. Rhee, MD, MPH, FACS, FCCM, Tucson, AZ

Thromboelastogram (TEG)
PRO: Bryan A. Cotton, MD, MPH, FACS, Houston, TX
CON: Matthew J. Martin, MD, FACS, Tacoma, WA

Transexamic Acid

PRO: Matthew J. Martin, MD, FACS, Tacoma, WA
CON: Martin A. Schreiber, MD, FACS, Portland, OR

Platelet Infusions
PRO: Grant V. Bochicchio, MD, MPH, St. Louis, MO
CON: Bellal Joseph, MD, FACS, Tucson, AZ

Sponsored by the Committee on Trauma and the Committee on Perioperative Care

PS318 | 12:45-2:15 pm
Colorectal Anastomotic Leaks: Prevention and Management

LOCATION: Ballroom A

TRACKS: CRS, GEN, TRA
MODERATOR: James W. Fleshman, Jr., MD, FACS, *Dallas, TX*

Colorectal anastomotic leaks are common and a significant source of morbidity and mortality. Principles to create the optimum anastomosis and options to manage leaks are discussed.

Introduction
James W. Fleshman, Jr., MD, FACS, Dallas, TX

What Can We Do to Prevent Anastomotic Leaks in Colorectal Surgery?
Matthew G. Mutch, MD, FACS, St. Louis, MO

The Case for Routine Diversion after Colorectal Anastomosis
Neil H. Hyman, MD, FACS, Chicago, IL

Microbiology of Anastomotic Leak in the Lower Gastrointestinal Tract
John C. Alverdy, MD, FACS, Chicago, IL

Endoluminal Approaches to Anastomotic Leak
Steven G. Leeds, MD, Dallas, TX

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS319 | 12:45-2:15 pm
The Enduring Impact of Three African-American Surgical Pioneers

LOCATION: 206

TRACKS: EDU, GEN
MODERATOR: Edward E. Cornwell, MD, FACS, FCCM, FWACS, *Washington, DC*
CO-MODERATOR: L. D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), *Norfolk, VA*

It is challenging to quantify the enduring multigenerational impact and underappreciated contributions of African-American academic surgeons in the 20th century. This panel will highlight the accomplishments of three surgeons who exemplify the mantra made famous by one: "Excellence of performance will transcend artificial barriers created by man": Charles Drew, a decorated surgical scientist whose transparent agenda was to forge a more complete society by training the very best surgeons of color and advocating for their placement in institutions around the country; Asa G. Yancey, MD, FACS, a Drew trainee who headed two surgical training programs for surgeons of color in the 1950s; and John Norman, a cardiac surgeon and one of the most prolific manuscript authors of the century.

Introduction
Edward E. Cornwell, MD, FACS, FCCM, FWACS, Washington, DC

African-American Surgeons
L. D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSI(Hon), FCS(SA)(Hon), FRCSGlasg(Hon), Norfolk, VA

African-American Surgeons
Frederick D. Cason, MD, FACS, Atlanta, GA

Sponsored by the American College of Surgeons History Group

PS320 |12:45-2:15 pm
Logistics and Wellness for Pregnant Surgeons

LOCATION: 144

TRACKS: EDU, GEN
MODERATOR: Stephanie Bonne, MD, FACS, *Newark, NJ*
CO-MODERATOR: Mecker G. Moller, MD, FACS, *Miami, FL*

The demands of a surgical career whether one is a resident, a solo surgeon in private practice, or an attending at a teaching hospital are quite different then those of most other professions, rendering much of the advice targeting working women during their pregnancies irrelevant. This panel will provide concrete advice to women surgeons about managing their work obligations throughout their pregnancies. Issues addressed will include workplace exposures (for example, radiation, needle sticks, chemotoxic agents, and ergonomics), strategies for appropriate time off and arranging clinical coverage, and practical tips for a healthy pregnancy and postpartum period.

Introduction
Stephanie Bonne, MD, FACS, Newark, NJ

Fetal Wellness
Stephanie Bonne, MD, FACS, Newark, NJ

Fetal Wellness during Pregnancy
Lisa Thiel, DO, FACOOG, LCDR, USN, Miami, FL

Maternal Health and Wellness
Patricia M. Byers, MD, FACS, Coral Gables, FL

Ergonomics and Exercise for the Pregnant Surgeon
Linda M. Szymanski, MD, PhD, FACOG, Baltimore, MD

Managing the Logistics of Pregnancy and Maternity Leave in Academic Practice
Holly L. Neville, MD, FACS, Coral Gables, FL

Managing the Logistics of Pregnancy and Maternity Leave in Academic Practice
Mara Beth Antonoff, MD, Houston, TX

Managing the Logistics of Pregnancy and Maternity Leave in Private Practice
London C. Guidry, MD, Baton Rouge, LA

Sponsored by the Women in Surgery Committee and the Young Fellows Association

PS321 |12:45-2:15 pm
Readiness, Currency, and Competency for Military Surgeons: A Presentation by the Military Health System Strategic Partnership ACS

LOCATION: 150

TRACK: EDU
MODERATOR: M. Margaret Knudson, MD, FACS, *San Francisco, CA*
CO-MODERATOR: Eric A. Elster, MD, FACS, *Bethesda, MD*

This session will explore the current state of readiness for deployment, maintenance and measurements of competency for the military surgeon, and opportunities for partnership in the civilian sector. The speakers will address residency training, preparation for deployment, challenges encountered in garrison practice, and potential scenarios for the military surgeon in the 21st century.

Introduction
M. Margaret Knudson, MD, FACS, San Francisco, CA

Defining the 21st Century Military Surgeons
Jeffrey A. Bailey, MD, FACS, Bethesda, MD

Readiness for Practice/Deployment from the Resident Standpoint
Corey J. Wright, MD, Fredericksburg, VA

Surgical Readiness for the Full Range of Military Operations
Jennifer M. Gurney, MD, FACS, Santa Barbara, CA

Knowledge, Skills, and Attributes for Deployed Surgeons
E. Matthew Ritter, MD, FACS, Bethesda, MD

Measurements of Preparedness
Charles D. Mabry, MD, FACS, Pine Bluff, AR

Military/Civilian Practice Integration
Joseph M. Galante, MD, FACS, Sacramento, CA

Closing Remarks
Jonathan Woodson, MD, FACS, Washington, DC

Sponsored by the Military Health System Strategic Partnership with the American College of Surgeons and the Division of Education

PS322 |12:45-2:15 pm
Utility of Pediatric NSQIP: How Does It Help Me?

LOCATION: 202A

TRACKS: EDU, GEN, PED
MODERATOR: Shawn J. Rangel, MD, MSCE, FACS, FAAP, *Boston, MA*
CO-MODERATOR: Robert T. Russell, MD, MPH, FACS, *Birmingham, AL*

The ACS NSQIP-Pediatric is the first multi-institutional, multidisciplinary program designed to measure, compare, and report outcomes associated with the quality of children's surgical care. This panel will discuss how the program has evolved over time from a registry of adverse events to a comprehensive comparative performance platform targeting a variety of resource use and disease-specific outcomes. The future of the program as a quality measurement and assurance vehicle for the evolving Children's Surgery Verification (CSV) program will also be discussed.

Introduction
Robert T. Russell, MD, MPH, FACS, Birmingham, AL

The Evolution and History of Pediatric NSQIP
Jacqueline M. Saito, MD, FACS, St. Louis, MO

Using Traditional NSQIP-P Adverse Event Data to Improve Safety
Adam C. Alder, MD, FACS, Dallas, TX

Using Disease-Specific Comparative Data to Improve Care of Children with Appendicitis
Robert A. Cina, MD, FACS, Charleston, SC

Taking NSQIP Pediatric Beyond General Surgery: Ovaries and Tonsils and Spines, Oh My!
Brendan T. Campbell, MD, MPH, FACS, Hartford, CT

Leveraging the Power of Collaboration and Knowledge-Sharing: Lessons Learned From the NSQIP-P Appendicitis Pilot
Shawn J. Rangel, MD, MSCE, FACS, FAAP, Boston, MA

The Future State of Pediatric NSQIP
Shawn J. Rangel, MD, MSCE, FACS, FAAP, Boston, MA

Sponsored by the Advisory Council for Pediatric Surgery

PS323 | 2:30-4:00 pm
Abdominal Wall Reconstruction: Past, Present, and Future

LOCATION: Ballroom A

TRACKS: GEN, RUS, TRA
MODERATOR: Michael J. Rosen, MD, FACS, *Solon, OH*
CO-MODERATOR: B. Todd Heniford, MD, FACS, *Charlotte, NC*

This session will review options for challenging abdominal wall reconstruction, including small bowel obstruction, hernias, necrotizing soft-tissue infections, and so on. Panel members will discuss pro/con of biologic versus synthetic meshes in clean versus contaminated abdomen, underlay versus onlay, component separation, and potential techniques for reconstruction. Panelists will review optimal decision making regarding laparoscopic versus open approaches to reconstruction and the American Hernia Society Quality Collaborative.

Introduction
Michael J. Rosen, MD, FACS, Solon, OH

Hernia Prevention: How Do We Put Ourselves Out of Business?
William W. Hope, MD, FACS, Wilmington, NC

The Science in Prevention of Hernia Recurrence: Mesh Position, Overlap, Fixation, Midline Closure
John S. Roth, MD, FACS, Lexington, KY

Robotics for Hernia Repair in 2016: Where Are We?
Ajita S. Prabhu, MD, FACS, Cleveland, OH

Data and Big Data: How Will This Change the Way We Look at Abdominal Wall Reconstruction?
Benjamin K. Poulose, MD, MPH, FACS, Nashville, TN

Biologics, Absorbable Synthetics, and Synthetic Mesh: Which Are in the Past and Which Are in the Future?
William S. Cobb, MD, FACS, Greenville, SC

Sponsored by the Advisory Council for General Surgery

PS324 | 2:30-4:00 pm
Appendicitis: Why Haven't We Figured Out Who to Operate On, What to Treat Nonoperatively, or Who to Drain Percutaneously?

LOCATION: Ballroom C

TRACK: GEN, RUS, TRA
MODERATOR: Rebecca C. Britt, MD, FACS, *Norfolk, VA*
CO-MODERATOR: Joseph V. Sakran, MD, MPH, MPA, FACS, *Charleston, SC*

Despite the frequency of appendicitis as a surgical emergency, no consensus has been reached on a commonly accepted algorithm for its management. This panel will discuss the appropriate selection of patients for operative and nonoperative management of appendicitis. Outcomes and costs of the various management strategies will be examined.

Introduction
Rebecca C. Britt, MD, FACS, Norfolk, VA

Why the Appendix Still Belongs in the Bucket
David S. Morris, MD, FACS, Rochester, MN

Why Nonoperative Management Might Be the New Gold Standard
Christopher J. Burns, MD, FACS, Newton Centre, MA

How Percutaneous Drainage Has Changed the Management of Appendicitis
Amy P. Rushing, MD, FACS, Columbus, OH

Sponsored by the Advisory Council for General Surgery

PS325 | 2:30-4:00 pm
Avoiding Payment Penalties: Understanding and Complying with Payment Qualifying Systems, Meaningful Use, and the Physician Value-Based Payment Modifier

LOCATION: 146A

TRACK: HP
MODERATOR: Linda M. Barney, MD, FACS, *Dayton, OH*
CO-MODERATOR: Christopher K. Senkowski, MD, FACS

Each year the Centers for Medicare & Medicaid Services (CMS) makes changes to the Physician Quality Reporting System (PQRS) and the Electronic Health Records Incentive Program (also known as meaningful use) that will affect practitioners who are paid under Medicare Part B. In addition, physicians' performance in 2016 will impact their payment under the physician value-based payment modifier, which will pay all physicians differentially based on the quality and cost of the care they provide. This session will provide important updates on these complex program requirements, the impact of the programs on surgeons, and additional information on how to navigate the programs to avoid penalties of up to 10 percent of your Part B Medicare reimbursement.

Introduction
Linda M. Barney, MD, FACS, Dayton, OH

Understanding the New Medicare Reporting Requirements and Payment Updates under MACRA
Robert Jasak, JD, Washington, DC

Linda M. Barney, MD, FACS, Dayton, OH

Sponsored by the General Surgery Coding and Reimbursement Committee

PS326 | 2:30-4:00 pm
Detection and Treatment of Vascular Emergencies

LOCATION: 144

TRACKS: GEN, RUS, VAS
MODERATOR: Danny R. Robinette, MD, FACS, *Fairbanks, AK*
CO-MODERATOR: W. Darrin Clouse, MD, FACS, *Boston, MA*

The panel will cover emergency angiography and venography, external hemorrhage control, measurement of compartment pressures and fasciotomy techniques, and emergency vascular shunting techniques which are invaluable to surgeons in resource-poor areas especially where geography or weather may prevent expedited transfer. It will also review indications and techniques for vena cava filter placement. Indications for, and proper use of, tourniquets will be addressed. Review of open abdominal aortic aneurysm repairs will be included.

Introduction
Danny R. Robinette, MD, FACS, Fairbanks, AK
W. Darrin Clouse, MD, FACS, Boston, MA

Urgent/Emergent Arteriography, Venography, and Inferior Vena Cava Filter Indications (No Hybrid OR Available)
Misty D. Humphries, MD, FACS, Sacramento, CA

Emergent Hemorrhage Control Techniques (Resuscitative Endovascular Balloon Tourniquet)
Joseph M. Galante, MD, FACS, Sacramento, CA

Temporary Vascular Shunts and Compartment Syndrome
Shaun M. Gifford, MD, Houston, TX

Technical Tips for Open Repair of Ruptured Abdominal Aortic Aneurysm
Virendra I. Patel, MD, Boston, MA

Sponsored by the Advisory Council for Rural Surgery and the Advisory Council for Vascular Surgery

PS327 | 2:30-4:00 pm
Models for Successfully Integrating New Interprofessional Team Members

LOCATION: 152A

TRACK: EDU
MODERATOR: Scott F. Gallagher, MD, FACS, *Winston-Salem, NC*
CO-MODERATOR: Mehra Golshan, MD, FACS, *Boston, MA*

Most surgeons have limited knowledge regarding employment and collaborative practice with other health care professionals, yet they are critical members of a highly functioning, interdisciplinary, team-based, surgical

practice, which is increasingly replacing solo practitioners as a care model. Team-based care in the context of changing health care is supported by data on patient safety, outcomes, and satisfaction. This course will review models for educating, supervising, building, and retaining teams as well as details related to billing, coding, and documenting services, which help justify the benefits to patients (safety, satisfaction, quality, and outcomes) as well as to the practice/institution (productivity, financial, time, compliance, service, and satisfaction). At the conclusion, members will be able to list the benefits of various models of team-based care.

Introduction
Scott F. Gallagher, MD, FACS, Winston-Salem, NC

Large, Multidisciplinary Care Teams and Practices: Optimizing Every Role
Brian D. Badgwell, MD, FACS, Houston, TX

Tips for Training and Retaining Productive Allied Health Professionals
Emily Lockridge, PA-C, High Point, NC

Transition to Survivorship: Post-Acute Setting and Transitioning Back to PCP
Lillie D. Shockney, RN, BS, MAS, Reisterstown, MD

Balancing Inpatient and Outpatient Care: Teams (Large/Small, Urban/Rural, and Community/Academic)
Jennifer E. Rosen, MD, FACS, Washington, DC

Sponsored by the Committee on Interprofessional Education and Practice

PS328 | 2:30-4:00 pm
Strategies for the Resident and Surgeon Facing Burnout

LOCATION: 202A

TRACKS: EDU, GEN, RES-MED
MODERATOR: Roger R. Perry, MD, FACS, *Norfolk, VA*
CO-MODERATOR: Heena P. Santry, MD, FACS, *Worcester, MA*

Surgery by its very nature is stressful and adding to this are the unprecedented changes occurring in the health care system today. Surgeons are prone to burnout as early as surgical residency and throughout their careers. This session will discuss risk factors, and the symptoms and signs of burnout. The audience response system will be used to determine if attendees are suffering from burnout. Prevention and management strategies will be discussed for surgeons at all career phases, with an emphasis on wellness, including stress management and relaxation techniques, physical activity, nutrition, time management, cognitive restructuring, and attitude. Finally, there will be discussion of transitioning to another career or retirement, something which traditionally has been difficult for many.

Introduction
Roger R. Perry, MD, FACS, Norfolk, VA

Vignette One: How I Dealt With Burnout
Taylor S. Riall, MD, PhD, FACS, Tucson, AZ

Symptoms and Signs of Burnout
Heena P. Santry, MD, FACS, Worcester, MA

Audience Response Poll
Roger R. Perry, MD, FACS, Norfolk, VA

How to Help A Resident or Colleague Facing Burnout
Jo Shapiro, MD, FACS, Boston, MA

Vignette Two: How I Dealt With Burnout
Jennifer E. Rosen, MD, FACS, Washington, DC

Strategies for Preventing and Dealing with Burnout
Marc L. Melcher, MD, FACS, Palo Alto, CA

Sponsored by the Women in Surgery Committee and the Board of Governors Physician Competency and Health Workgroup

PS329 | 2:30-4:00 pm
The Successful Resident Educator: Tips on Teaching and Feedback

LOCATION: 150

TRACKS: EDU, RES-MED
MODERATOR: Rebecca L. Hoffman, MD, MSCE, *Philadelphia, PA*
CO-MODERATOR: Ashley S. Vergis, MD, FACS, *Winnipeg, MB*

Surgical residents find themselves in a unique educational position. While still trainees themselves, they are concurrently responsible for providing education to medical students and junior residents. While time spent with faculty or in formal didactics pales in comparison with the time residents spend with each other and with students, residents rarely receive instruction in teaching and providing feedback. Providing residents with the skills to be educators both optimizes the clinical learning environment and models effective teaching behaviors for future generations of educators. The ACS has been committed to helping surgical residents obtain the tools necessary to leverage their role and responsibility as teachers and leaders. This panel discussion aims to highlight innovative and effective teaching and feedback strategies which can be adopted by surgical residents.

Introduction
Rebecca L. Hoffman, MD, MSCE, Philadelphia, PA

Feedback: Pearls and Pitfalls
Brian C. George, MD, Ann Arbor, MI

Recognizing the Teachable Moments: Art of the Chalk Talk
Rebecca L. Hoffman, MD, MSCE, Philadelphia, PA

Seeing and Doing, While Teaching!: Transitioning to Teach Technical Skills
Lillian M. Erdahl, MD, Iowa City, IA

Sponsored by the Resident and Associate Society and the Young Fellows Association

PS330 | 2:30-4:00 pm
The Value of Patient-Reported Outcome Measures for Surgeons and Their Patients

LOCATION: 102

TRACKS: GEN, ONC
MODERATOR: Juliane Bingener, MD, FACS, *Rochester, MN*
CO-MODERATOR: Benjamin S. Brooke, MD, PhD, FACS, *Salt Lake City, UT*

Patient-reported outcomes (PROs) predict survival, postoperative morbidity, and can distinguish the invasiveness of surgical procedures. In some states, reimbursement for certain operative procedures (for example, spine and cataract surgery) is already linked to measuring improvement in patient quality of life. However, many surgeons find measuring PROs cumbersome and are unfamiliar with the relevance of the measures to patient care. The panel will provide an introduction to modern PRO tools such as the NIH/FDA supported Promis-10 and easy-to-use linear analog scales, now replacing legacy tools such as SF-36. These new tools are designed to make assessment of PROs quick and easy to incorporate into clinical practice. At the end of the session, surgeons will understand how to adjust their therapeutic plans based on the measures obtained.

Introduction
Juliane Bingener, MD, FACS, Rochester, MN

What Are Patient-Reported Outcomes, and Why Should I Care?
Juliane Bingener, MD, FACS, Rochester, MN

How Do I Choose a Patient-Reported Outcome for My Surgical Practice?
Jennifer F. Waljee, MD, Ann Arbor, MI

Patient-Reported Outcomes as a Clinical Practice Vital Sign
Jeff A. Sloan, PhD, Rochester, MN

How to Integrate the Collection of Patient-Reported Outcome Measures into the Electronic Health Records and Potentially Influence Clinical Decision Making
Charles L. Saltzman, MD, FACS, Salt Lake City, UT

Sponsored by the ACS Clinical Research Program Education Committee

PS331 | 4:15-5:45 pm
A Night on Call in the Surgical Intensive Care Unit—Case Panel

LOCATION: Ballroom A

TRACKS: GEN, TRA
MODERATOR: Addison K. May, MD, FACS, *Nashville, TN*
CO-MODERATOR: Ben L. Zarzaur, MD, MPH, FACS, *Indianapolis, IN*

This session will focus on challenging but practical real-life cases presented to a panel of critical care experts. Each of these cases will be centered on common problems that are associated with a diagnostic dilemma or treatment decision. The experts will be selected carefully based on their experience in dealing with these problems. Practical take-home messages and tips and tricks will be offered for each case. Audience interaction will be encouraged through the use of an audience response system.

Introduction
Addison K. May, MD, FACS, Nashville, TN

Worsening Acute Respiratory Failure
Raeanna Adams, MD, FACS, Nashville, TN

Sudden Postoperative Cardiopulmonary Arrest
Jose L. Pascual, MD, FACS, Philadelphia, PA

Postoperative Day Five with Anastomotic Leak and Septic Shock
Addison K. May, MD, FACS, Nashville, TN

Abdominal Compartment Syndrome
Ben L. Zarzaur, MD, MPH, FACS, Indianapolis, IN

Sponsored by the Committee on Trauma

PS332 | 4:15-5:45 pm
Avoiding Disaster in Thyroid Surgery: Key Surgical Maneuvers

LOCATION: Ballroom B

TRACKS: GEN, OTO
MODERATOR: Joseph Scharpf, MD, FACS, *Chagrin Falls, OH*

Contemporary optimal care of patients with thyroid cancer demands a team approach that would include both surgical and nonsurgical expertise. Much focus at the ACS has centered on immediate thyroid care, particularly the extent of surgical resection and neck management. This panel would seek to emphasize other aspects of care unique to a successful program.

Introduction
Joseph Scharpf, MD, FACS, Chagrin Falls, OH

The Value of Intraoperative Nerve Monitoring in Disaster Prevention
Gregory W. Randolph, MD, FACS, Boston, MA

The Dreaded Expanding Hematoma
David J. Terris, MD, FACS, Augusta, GA

Strategies for Managing Substernal Goiters in the Operating Room
Peter Angelos, MD, PhD, FACS, Chicago, IL

The Principles of Safe Introduction of Robotic Procedures
Emad Kandil, MB, BCh, FACS, New Orleans, LA

The Challenges of Reoperative Surgery
Joseph Scharpf, MD, FACS, Chagrin Falls, OH

Sponsored by the Young Fellows Association and the Advisory Council for Otolaryngology-Head & Neck Surgery

PS333 | 4:15-5:45 pm
Coming of Age in Cancer Immunotherapy

LOCATION: 207A

TRACKS: BTR, GEN, ONC
MODERATOR: Richard J. Bold, MD, FACS, *Sacramento, CA*
CO-MODERATOR: Bhuvanesh Singh, MD, PhD, FACS, *New York, NY*

Within the last few years, significant advances in immunology have led to the development of therapies to alter the immune environment of diverse cancers. These therapies include methods to activate the immune system by targeting CTLA-4 (for example, ipilimumab), or programmed cell death protein 1 (PD-1) (for example, nivolumab or pembrolizumab). An alternative approach is the recognition that cancer cells evade the cell immune evasion through expression of PD-L1, an immunosuppressive PD-1ligand for which several antibody-mediated inhibitors have been developed. These agents have demonstrated significant clinical efficacy in recent early phase human trials across a

diverse spectrum of tumor types including elanoma, lung cancer, and head/neck cancer.

Introduction
Richard J. Bold, MD, FACS, Sacramento, CA

Overview of Immunotherapy in Cancer
Suzanne L. Topalian, MD, Baltimore, MD

Immunotherapy in Melanoma
Charlotte E. Ariyan, MD, PhD, FACS, New York, NY

Development of Immunotherapy in Breast Cancer
Elizabeth A. Mittendorf, MD, PhD, FACS, Houston, TX

Sponsored by the Surgical Research Committee

PS334 | 4:15-5:45 pm
Emergency Complications after Bariatric Surgery

LOCATION: Ballroom C

TRACKS: GEN, RUS, TRA
MODERATOR: Stacy A. Brethauer, MD, FACS, *Cleveland, OH*
CO-MODERATOR: William O. Richards, MD, FACS, *Mobile, AL*

Bariatric surgery has seen an explosion in volume during the last decade. The emergency general surgeon may be asked to care for post-bariatric surgery patients and needs to be familiar with the postoperative complications and pitfalls of this patient population. This session will present the diagnosis and management of post-bariatric surgery complications.

Introduction
Stacy A. Brethauer, MD, FACS, Cleveland, OH

Bleeding Complications after Bariatric Surgery
Raul J. Rosenthal, MD, FACS, FASMBS, Weston, FL

Acute Leaks after Sleeve Gastrectomy and Gastric Bypass
Ninh T. Nguyen, MD, FACS, Orange, CA

Small Bowel Obstruction after Gastric Bypass
John M. Morton, MD, MPH, FACS, FASMBS, Stanford, CA

Free Air in Patient with Previous Gastric Bypass
Samer G. Mattar, MB, BCh, FACS, Portland, OR

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

PS335 | 4:15-5:45 pm
Liver Transplantation vs. Resection for Hepatocellular Carcinoma: East Meets West

LOCATION: 146A

TRACKS: GEN, INT, ONC
MODERATOR: Katsuhiko Yanaga, MD, PhD, FACS, *Tokyo, Japan*
CO-MODERATOR: Yuman Fong, MD, FACS, *Duarte, CA*

Hepatocellular carcinoma (HCC) complicates patients with concomitant liver diseases. In Western countries, liver cirrhosis is generally regarded as a contraindication to hepatic resection, while in Eastern countries where cadaveric organ donation is scarce, liver transplantation is often reserved for advanced liver cirrhosis with non-advanced HCC. In this panel, experts from the West and East will discuss the indications for liver transplantation and resection for HCC, and difference in cadaveric and live donor liver transplantation in terms of indications, techniques, outcomes, population acceptance, and future challenges.

Introduction
Katsuhiko Yanaga, MD, PhD, FACS, Tokyo, Japan

Cadaveric Liver Transplantation: State of the Field
John J. Fung, MD, FACS, Cleveland, OH

Living Related Transplant: State of the Field
Toru Ikegami, MD, PhD, FACS, Fukuoka, Japan

The Challenge of Organ Availability in China
See C. Chan, MB, BS, FACS, Hong Kong, China

Comparison of Criteria for Resection of Hepatocellular Carcinoma (HCC)
Takeshi Gocho, MD, Toyko, Japan

Resection as First-Line Therapy: Use of Transplant as Salvage
Yuman Fong, MD, FACS, Duarte, CA

Sponsored by the International Relations Committee

PS336 | 4:15-5:45 pm
Multimodality Approach in the Management of Rectal Cancer

LOCATION: 144

TRACKS: CRS, GEN, ONC
MODERATOR: Jose G. Guillem, MD, FACS, *New York, NY*

Management of rectal cancer has improved by the use of a multidisciplinary committee to optimize the evaluation and management of rectal cancer. The use of magnetic resonance imaging and chemoradiotherapy as well as various operative techniques will be discussed.

Introduction
Jose G. Guillem, MD, FACS, New York, NY

Progress in Preoperative Chemoradiation Options for Rectal Cancer: When to Use Short-Course Radiation Therapy (RT), Long-Course Chemoradiation, or None of the Above
Bruce D. Minsky, MD, Houston, TX

Advances in Magnetic Resonance Imaging and Endorectal Ultrasound Imaging for Initial Staging and Monitoring of Response to Multimodality Therapy for Rectal Cancer
Marc J. Gollub, MD, New York, NY

Recent Advances in Targeted and Immunotherapy: How Do We Integrate Them into the Current Standard of Care?
Luis A. Diaz, MD, Baltimore, MD

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for General Surgery

PS337 | 4:15-5:45 pm
Mythbusters: Deconstructing the Surgery Clerkship

LOCATION: 150

TRACKS: EDU, GEN, RES-MED
MODERATOR: Joseph A. Iocono, MD, MBA, FACS, FAAP, *Lexington, KY*
CO-MODERATOR: Nicole Nolan, MD, *Columbus, OH*

This session will include a short introduction presentation followed by a point-counterpoint panel looking at the

third-year medical student clerkship from the perspective of medical students, a clerkship director, and other surgery faculty. It is designed for any medical students or medical educators who teach them. The panel will examine every aspect of the third-year surgery clerkship, including work hours, caseload, reading materials, humanism in medicine, resident/student interaction, surgical technique, teaching styles, and the session will take an in-depth look at not just how we can teach, but what is most important to learn. Insight into the perspective of the Millennial generation's approach to learning is highlighted as are techniques to optimize learning for this group.

Introduction
Joseph A. Iocono, MD, MBA, FACS, FAAP, Lexington, KY

A View of the Clerkship from Across the Millennials
Nicole Nolan, MD, Columbus, OH

A View of the Clerkship from Across the Millennials
Lauren Falvo, MD, Lexington, KY

A View of the Clerkship from the Faculty Perspective
Mary L. Brandt, MD, FACS, Houston, TX

Sponsored by the Committee on Medical Student Education

PS338 | 4:15-5:45 pm
Undescended Testis

LOCATION: 201

TRACKS: PED, RUS, URO
MODERATOR: Jyoti Upadhyay, MD, FACS, FAAP, *Norfolk, VA*
CO-MODERATOR: Thomas S. Lendvay, MD, FACS, *Seattle, WA*

A comprehensive review of the diagnosis and management of undescended testis including indications for imaging, laparoscopy, orchidopexy, and other issues including fertility and potential malignancy.

Introduction
Jyoti Upadhyay, MD, FACS, FAAP, Norfolk, VA

Definitions, Terminology, and American Urological Association Guidelines in the Diagnosis of Undescended Testis
Jyoti Upadhyay, MD, FACS, FAAP, Norfolk, VA

Surgical Management and Minimally Invasive Techniques in the Management of Undescended Testis
Heip Thieu Nguyen, MD, Mesa, AZ

Controversies in the Diagnosis and Management of Undescended Testis
Ardavan Akhavan, MD, Baltimore, MD

Issues Including Fertility and Potential Malignancy in the Undescended Testis
Margarett Shnorhavorian, MD, FACS, Seattle, WA

Sponsored by the Advisory Council for Pediatric Surgery, Advisory Council for General Surgery, and the Advisory Council for Urology

Thursday, October 20

PS400 | 8:00-9:30 am
Ten Hot Topics in General Surgery

LOCATION: Ballroom A

TRACK: GEN
MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus, OH*
CO-MODERATOR: Kenneth W. Sharp, MD, FACS, *Nashville, TN*

In this popular session the panelists will review 10 of the hottest topics in general surgery.

Opening Remarks
E. Christopher Ellison, MD, FACS, Columbus, OH

Management Principles in Popliteal Artery Injury
Juan A. Asensio-Gonzalez, MD, FACS, Omaha, NE

Nonoperative Treatment of Appendicitis: When, Why, and How?
Fred A. Luchette, MD, MSc, FACS, Chicago, IL

Mammography 2016
Mary P. Borgess, MD, Columbus, OH

Robotic Hernia Repair
Ajita S. Prabhu, MD, FACS, Cleveland, OH

Role of Lymph Node Dissection in Papillary Cancer of the Thyroid
Nancy D. Perrier, MD, FACS, Houston, TX

Antireflux Procedures: Nissen vs. LINX®
Kyle A. Perry, MD, FACS, Columbus, OH

Colonoscopic Perforation: Observation vs. Intervention
Timothy M. Geiger, MD, FACS, Nashville, TN

Cholecystectomy after Endoscopic Retrograde Cholangiopancreatogram Removal of Common Duct Stones
Jeffrey W. Hazey, MD, FACS, Columbus, OH

Strategies for Mesh Infection after Ventral Hernia Repair
B. Todd Heniford, MD, FACS, Charlotte, NC

The Impossible Cholecystectomy: Management Options
Sharmila Dissanaike, MD, FACS, Lubbock, TX

Closing Remarks
Kenneth W. Sharp, MD, FACS, Nashville, TN

Sponsored by the Advisory Council for General Surgery

PS401 | 8:00-9:30 am
Ten Hot Topics in Ensuring Surgical Safety

LOCATION: 102

TRACKS: EDU, GEN, RUS
MODERATOR: Mary T. Hawn, MD, FACS, *Stanford, CA*
CO-MODERATOR: David R. Flum, MD, MPH, FACS, *Seattle, WA*

This session will provide a comprehensive overview of the important emerging evidence in improving surgical outcomes. The panelists will present a brief description of the problem posed by their topic and potential interventions that may reduce the risk and improved outcomes. The 10 topics to be covered include: diabetes, malnutrition, frailty, delirium, coronary stents, smoking, obstructive sleep apnea, steroids, goal-directed fluid therapy, and transfusion.

Introduction
Mary T. Hawn, MD, FACS, Stanford, CA

Optimal Blood Use in the Surgical Patient
Paul M. Maggio, MD, FACS, Stanford, CA

Role of Immunonutrition in Improving Surgical Outcomes
Thomas K. Varghese, Jr., MD, MS, FACS, Salt Lake City, UT

Role of Prehabilitation in Improving Surgical Outcomes
Michael J. Englesbe, MD, Ann Arbor, MI

Oral Antibiotic Bowel Prep Improves Colorectal Surgical Outcomes
Melanie Morris, MD, Birmingham, AL

Tips for Reducing Methicillin-Resistant Staphylococcus Aureus Surgical Infections
Donald E. Fry, MD, FACS, Chicago, IL

Tips for Ventilator-Associated Pneumonia Prevention
Robert G. Sawyer, MD, FACS, Charlottesville, VA

Tips for Prevention of Postoperative Acute Kidney Injury
Amy W. Williams, MD, Rochester, MN

What's New in Postoperative Pain Management?
David R. Flum, MD, MPH, FACS, Seattle, WA

Perioperative Glycemic Control
Thomas K. Varghese, Jr., MD, MS, FACS, Salt Lake City, UT

How to Make Checklists Work for You and Your Patients
Thomas G. Weiser, MD, Stanford, CA

Sponsored by the Surgical Research Committee and the Committee on Perioperative Care

PS402 | 8:00-9:30 am
Controversies in the Management of Thyroid and Parathyroid Cancer in Adolescents and Children

LOCATION: 150

TRACKS: OTO, PED
MODERATOR: Paul Krakovitz, MD, FACS, *Shaker Heights, OH*
CO-MODERATOR: Daniel J. Ledbetter, MD, FACS, *Seattle, WA*

The prevalence of thyroid disorders including neoplasia has been demonstrated to be rising in the pediatric age group. Recent American Thyroid Association (ATA) guidelines have emerged to assist surgeons in decision making with respect to investigation and timing of therapeutic options. Panelists will provide all relevant recent guidelines with regards to diagnostic imaging, needle biopsy, timing of surgery, choice of surgery, and postoperative care. The panel will also present case studies to help demonstrate the utility of the ATA guidelines in pediatric patient care.

Introduction
Paul Krakovitz, MD, FACS, Shaker Heights, OH

How Much Surgery for Differentiated Pediatric Thyroid Cancer
Carmen C. Solorzano, MD, FACS, Nashville, TN

Medical Therapy and Follow-Up for Differentiated Pediatric Thyroid Cancer
Andrew J. Bauer, MD, FAAP, Philadelphia, PA

Work-Up of a Pediatric Thyroid Nodule
Diana L. Diesen, MD, FACS, Dallas, TX

Imaging and Technology for Pediatric Thyroid Cancer
Biren P. Modi, MD, FACS, Boston, MA

Sponsored by the Advisory Council for Otolaryngology–Head & Neck Surgery and the Advisory Council for Pediatric Surgery

PS403 | 8:00-9:30 am
Milestones, Autonomy, and Supervision in Surgical Training

LOCATION: 202B

TRACKS: GEN, RES-MED, RUS
MODERATOR: Erica L. Mitchell, MD, FACS, *Portland, OR*
CO-MODERATOR: Jonathan P. Fryer, MD, MHPE, FACS, *Chicago, IL*

It is widely believed that general surgery residents are ill-prepared to enter into independent practice upon completion of five years of clinical training. This belief is supported by recent studies assessing the readiness of recently graduated surgery residents beginning advanced surgical fellowships. This session is designed to (1) frame the problem of general surgery resident autonomy, (2) discuss principal causes contributing to this problem in general surgery residency, (3) identify strategies that engender and support operative autonomy during surgical training, and (4) report on current efforts and proposed strategies for surgical education redesign that will enhance resident preparedness for independent practice.

Introduction
Erica L. Mitchell, MD, FACS, Portland, OR

Operative Autonomy and the General Surgery Resident
Brian C. George, MD, Ann Arbor, MI

Applying Surgical Training Milestones to Operative Procedures
Vu T. Nguyen, MD, Pittsburgh, PA

Getting Comfortable with Being Uncomfortable: Preparing Residents for Independent Practice
M. Timothy Nelson, MD, FACS, Albuquerque, NM

Sponsored by the Committee on Resident Education and the Resident and Associate Society

PS404 | 8:00-9:30 am
Mass Casualties and Preparing for Them in 2017

LOCATION: Ballroom B

TRACKS: GEN, RUS, TRA
MODERATOR: Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*
CO-MODERATOR: Leonard J. Weireter, MD, FACS, *Norfolk, VA*

Train crashes, explosions, weather events, mass shootings, and demonstrations all have affected trauma and non- trauma centers with large influxes of patients in recent years. Preparation within the hospital and region are key factors in optimizing outcomes in these difficult situations. Social and mainstream media have changed the way we experience these disasters and how we get information. Experts in the field will discuss real-life situations and provide pearls in planning for these inevitable events, including media interaction.

Introduction
Douglas J. E. Schuerer, MD, FACS, St. Louis, MO

Mass Casualty Preparation: How to Justify the Cost for Infrequent but High-Impact Events
Leonard J. Weireter, MD, FACS, Norfolk, VA

Lessons Learned From an International Mass Casualty Event
M. Margaret Knudson, MD, FACS, San Francisco, CA

Focused Empiricism and the War Mass Casualty: Anticipate, Adapt, and Recover in the Fog and the Friction
Jeffrey A. Bailey, MD, FACS, Bethesda, MD

Monitoring and Managing the Media
Douglas J. E. Schuerer, MD, FACS, St. Louis, MO

Sponsored by the Committee on Perioperative Care and the Committee on Trauma

PS405 | 8:00-9:30 am
Non-Traumatic Perforation of the Gastrointestinal Tract

LOCATION: 145

TRACK: TRA
MODERATOR: Andrew B. Peitzman, MD, FACS, *Pittsburgh, PA*
CO-MODERATOR: Christopher J. Dente, MD, FACS, *Atlanta, GA*

Perforations of the gastrointestinal tract (GI) are typically the result of penetrating trauma. However, the entire length of the GI tract may develop a perforation from non-traumatic causes. This session will review the causes, diagnosis, and management for perforations of the entire GI tract including the esophagus, stomach, as well as small and large bowel.

Introduction
Andrew B. Peitzman, MD, FACS, Pittsburgh, PA

Modern Management of Perforated Peptic Ulcer
Andrew C. Bernard, MD, FACS, Lexington, KY

Foreign Body Perforation of the Gastrointestinal Tract
Tanya L. Zakrison, MD, FACS, Miami Beach, FL

Gastrointestinal Tract Perforation in the Setting of Inflammatory Bowel Disease
Jahnavi K. Srinivasan, MD, FACS, Atlanta, GA

Management of Perforated Diverticulitis
Andrew B. Peitzman, MD, FACS, Pittsburgh, PA

Sponsored by the Committee on Trauma and the Advisory Council for General Surgery

PS406 | 8:00-9:30 am
Robotic Gastrointestinal Surgery: Help or Hype?

LOCATION: 202A

TRACKS: CRS, GEN
MODERATOR: Yuman Fong, MD, FACS, *Duarte, CA*
CO-MODERATOR: Dmitry Oleynikov, MD, FACS, *Omaha, NE*

This panel will discuss the efficacy and cost effectiveness of robotic surgery by reviewing the quality of clinical outcomes in general surgery. The panel will also explore how next generation robots may impact complex operations in the future.

Upper Gastrointestinal Surgery for Benign Disorders
Dmitry Oleynikov, MD, FACS, Omaha, NE

Gastric and Upper Gastrointestinal Surgery Cancer Surgery
Woo J. Hyung, MD, PhD, Seoul, South Korea

Colorectal Surgery
Elisabeth C. McLemore, MD, FACS, FASCRS, La Jolla, CA

Hepatectomy
Yuman Fong, MD, FACS, Duarte, CA

Pancreatectomy
James D. Moser, MD, FACS, Orlando, FL

Sponsored by the Committee on Emerging Surgical Technology and Education and the Advisory Council for General Surgery

PS407 | 9:45-11:15 am
Anything New in Wound Healing?

LOCATION: Ballroom B

TRACKS: GEN, PLA, TRA
MODERATOR: Warren L. Garner, MD, FACS, *Los Angeles, CA*

Local and regional management of infected wounds is critical for solutions and healing of surgical incisions. This panel will review the current techniques in wound control following infection.

Introduction
Warren L. Garner, MD, FACS, Los Angeles, CA

Proteomic and Ribonucleic Acid Sequencing Analysis of Irradiated Human Skin and Mesenchymal Stem Cells Reveal Novel Approaches to the Treatment of Radiation Wounds
Alex K. Wong, MD, FACS, Los Angeles, CA

Occult Biofilm Infection Leads to Poor Wound Healing Outcomes
Gayle M. Gordillo, MD, FACS, Columbus, OH

Complex Reconstruction of Infected and Radiated Wounds
Justin M. Sacks, MD, FACS, Baltimore, MD

How Products and Devices Help Treatment of Difficult Wounds
Paul Y. Liu, MD, FACS, Providence RI

Sponsored by the Advisory Council for Plastic and Maxillofacial Surgery and the Advisory Council for General Surgery

PS408 | 9:45-11:15 am
Minimally Invasive Inguinal Hernia Repair: Current Indications and Techniques

LOCATION: Ballroom A

TRACKS: GEN, RUS
MODERATOR: Benjamin K. Poulose, MD, MPH, FACS, *Nashville, TN*
CO-MODERATOR: Ajita S. Prabhu, MD, FACS, *Cleveland, OH*

Minimally invasive inguinal hernia repair has been around almost as long as laparoscopic cholecystectomy and was widely anticipated 20 years ago to serve as a replacement for open inguinal hernia repair as surgeon proficiency and technology advanced. However it has not replaced open inguinal hernia repair. Why is this so? What are the current

indications and contraindications for laparoscopic inguinal hernia repair? What the indications for open inguinal hernia repair? What about the role of robotic inguinal hernia repair—is it a good technique that is economically feasible? Have the costs improved and technologies advanced to the point that one technique should be adopted over the other?

Introduction
Benjamin K. Poulose, MD, MPH, FACS, Nashville, TN

Mastering Inguinal Anatomy for Minimally Invasive Herniorraphy
Heidi Jo Miller, MD, Cleveland Heights, OH

Choosing Candidates for Minimally Invasive Inguinal Hernia Repair: Which Approach for Which Patients?
James G. Bittner IV, MD, FACS, Augusta, GA

Robotic Inguinal Hernia Repair: Does the End Justify the Means?
Dana A. Telem, MD, FACS, Ann Arbor, MI

Inguinal Hernia Repair: What Are My Options and What Does the Evidence Show?
David M. Krpata, MD, Cleveland, OH

Sponsored by the Advisory Council for General Surgery

PS409 | 9:45-11:15 am
Ten Hot Topics in Surgical Oncology

LOCATION: 145

TRACKS: GEN, ONC
MODERATOR: Daniel G. Coit, MD, FACS, *New York, NY*
CO-MODERATOR: Timothy M. Pawlik, MD, MPH, PhD, FACS, *Baltimore, MD*

In this popular session the panelists will review 10 of the hottest topics in surgical oncology.

Introduction
Daniel G. Coit, MD, FACS, New York, NY

Management of the Melanoma Patient with a Positive Sentinel Node
Daniel G. Coit, MD, FACS, New York, NY

Is Active Surveillance of Early Thyroid Cancer Appropriate?
Brian R. Untch, MD, FACS, New York, NY

What Factors Need to be Discussed in Considering Prophylactic Contralateral Mastectomy?
Andrea V. Barrio, MD, FACS, New York, NY

What is the Optimal Margin of Resection for Ductal Carcinoma In-Situ?
Andrea V. Barrio, MD, FACS, New York, NY

A Rational Approach to Management of Pancreatic Cysts
Timothy M. Pawlik, MD, MPH, PhD, FACS, Baltimore, MD

Should Patients with Resectable Adenocarcinoma of the Pancreas Receive Neoadjuvant Chemotherapy?
Timothy M. Pawlik, MD, MPH, PhD, FACS, Baltimore, MD

What is the Role of Regional Therapy for Metastatic Colorectal Cancer to the Liver?
Timothy M. Pawlik, MD, MPH, PhD, FACS, Baltimore, MD

What is the Optimal Management of a Clinical CR to Neoadjuvant Therapy for Rectal Cancer?
George J. Chang, MD, FACS, Houston, TX

What Is the Role of Minimally Invasive Surgery for Rectal Cancer?
George J. Chang, MD, FACS, Houston, TX

What Is the Optimal Surgical Approach for Colon Cancer?
George J. Chang, MD, FACS, Houston, TX

Sponsored by the Program Committee

PS410 | 9:45-11:15 am
Surgical Management of Obstructive Sleep Apnea

LOCATION: 202A

TRACKS: OTO, PED, PLA
MODERATOR: David B. Powers, DMD, MD, FACS, *Durham, NC*
CO-MODERATOR: Ghali E. Ghali, DDS, MD, FACS, FRCSEd, *Shreveport, LA*

Obstructive Sleep Apnea/Hypopnea Syndrome (OSAHS) is a commonly encountered medical condition that affects up to 42 million patients, or one in five adults, in the U.S. alone. OSAHS is multifactorial and often presents with a high relapse rate from inadequate surgical treatment. This panel session will review common treatment methods and various complications that surgeons encounter. Controversies in treatment will be discussed by the panel. Treatment algorithms for the surgical management of OSAHS and complications will be presented. This session will be valuable to all surgeons who provide treatment for OSAHS, including otolaryngologists, plastic and reconstructive surgeons, pediatric surgeons, and oral and maxillofacial surgeons.

Introduction
David B. Powers, DMD, MD, FACS, Durham, NC

Overview of the Surgical Treatment of Obstructive Sleep Apnea/Hypopnea Syndrome
David B. Powers, DMD, MD, FACS, Durham, NC

Surgical Management of Obstructive Sleep Apnea/Hypopnea Syndrome in the Pediatric Population
Cory M. Resnick, MD, DMD, FACS, Boston, MA

The Use of Robotic Surgery for the Management of Obstructive Sleep Apnea/Hypopnea Syndrome
Ghali E. Ghali, DDS, MD, FACS, FRCSEd, Shreveport, LA

Prediction of Surgical Success in the Treatment of Obstructive Sleep Apnea/Hypopnea Syndrome
Stanley Yung Chuan Liu, MD, DDS, Palo Alto, CA

Interactive Audience Question/Answer Session with Presenters
David B. Powers, DMD, MD, FACS, Durham, NC

Sponsored by the Advisory Council for Otolaryngology–Head & Neck Surgery and the American College of Surgeons Section on Oral and Maxillofacial Surgery

PS411 | 9:45-11:15 am
Ten Hot Topics in Advocacy and Health Policy

LOCATION: 202B

TRACK: HP
MODERATOR: Frank G. Opelka, MD, FACS, *Washington, DC*
CO-MODERATOR: Patrick V. Bailey, MD, FACS, FAAP, *Washington, DC*

This panel will explore various aspects of the new physician payment program: the Quality Payment Program. What will surgeons need to know in order to participate? How is ACS responding? What are some of the alternative payment models for surgeons?

Introduction
Frank G. Opelka, MD, FACS, Washington, DC

ACS Manager of Policy Development
Matt Coffron, Washington, DC

ACS Manager of Quality Affairs
Jill Sage, Washington, DC

Payor Perspective
Emily Graham, RHIA, CSS-P, Washington, DC

Health Systems Perspective
Robert R. Lorenz, MD, FACS, Cleveland, OH

Sponsored by the Health Policy and Advocacy Group

PS412 | 9:45-11:15 am
Ten Hot Topics in Critical Care

LOCATION: 150

TRACK: TRA
MODERATOR: Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*
CO-MODERATOR: William C. Chiu, MD, FACS, *Baltimore, MD*

The essential studies published in the following broad topic areas of surgical critical care from the last twelve months will be reviewed by seven topic experts: cardiac, pulmonary, renal, fluid/electrolyte/nutrition, hematology, infectious disease, and intensive care unit administration. The top five to six articles from the year in each of these topic areas will be reviewed and placed into context.

Introduction
Kenji Inaba, MD, FACS, FRCSC, Los Angeles, CA

Renal Replacement Therapy and Electrolytes
Ali Salim, MD, FACS, Boston, MA

Pulmonary and Ventilators
Carlos V. R. Brown, MD, FACS, Austin, TX

Brain and Neuro Critical Care
Deborah M. Stein, MD, MPH, FACS, FCCM, Baltimore, MD

Resuscitation and Cardiac Support
Hasan B. Alam, MD, FACS, Ann Arbor, MI

Infectious Diseases and Pharmacology
Marc A. de Moya, MD, FACS, Boston, MA

Nutrition
Matthew J. Martin, MD, FACS, Tacoma, WA

PS413 | 9:45-11:15 am
The College's Clinical Scholars 2016

LOCATION: 102

TRACK: EDU
MODERATOR: Bruce L. Hall, MD, PhD, MBA, FACS, *St. Louis, MO*
CO-MODERATOR: Karl Y. Bilimoria, MD, FACS, *Chicago, IL*

The American College of Surgeons (ACS) Clinical Scholars In Residence program provides residents the opportunity to acquire the skills of a contemporary young surgeon-scientist by spending two years at the College working on surgical quality improvement and projects involving the College's trauma, cancer, bariatric, and ACS National Surgical Quality Improvement Program databases under the supervision of a cadre of mentors. Simultaneously, residents take courses at a local university for a master's degree in a health-related field under the mentorship of a surgeon from their home institution. This program is helping to develop the next generation of thoughtful surgeon-leaders, strongly rooted in evidence-based surgery. Surgical residents who completed the program in 2015, as well as earlier alumni, will discuss their experiences and the ongoing effect of being an ACS Clinical Scholar.

Introduction
Bruce L. Hall, MD, PhD, MBA, FACS, St. Louis, MO

Flexibility in Duty Hour Requirements for Surgical Trainees (FIRST) Trial—Results and Incorporation into Practice
Karl Y. Bilimoria, MD, FACS, Chicago, IL

ACS Clinical Scholars in Residence Program Experience
Julia Berian, MD, Chicago, IL
Karl Bilimoria, MD, FACS, Chicago, IL
Warren Chow, MD, Los Angeles, CA
Haejin In, MD, Boston, MA
Angie Ingraham, MD, Madison, WI
Mila Ju, MD, Chicago, IL
Sanjay Mohanty, MD, Chicago, IL
Ryan Merkow, MD, Chicago, IL
Jennifer Paruch, MD, Chicago, IL
Ravi Rajaram, MD, Chicago, IL
Mehul Raval, MD, Atlanta, GA
Mike Wandling, MD Chicago, IL

Sponsored by the Scholarship Committee and the Division of Research and Optimal Patient Care

OWEN H. WANGENSTEEN SCIENTIFIC FORUM

The Scientific Forum (SF) program provides a platform for scientific and surgical researchers across all levels of training and experience, including junior scientific investigators (surgery residents, medical students, and surgeons who have recently completed their training), to present their original research work before a national audience for the first time. Presentation categories include (but are not limited to) the following: Bariatric/Foregut; Breast; Cardiac and Thoracic Surgery; Colon and Rectal Surgery; Critical Care and Trauma; Education; Ethics; Endocrine; General Surgery; Geriatric Surgery and Palliative Care; Global Surgery; Hepatobiliary and Pancreas; Pediatric Surgery; Plastic and Maxillofacial Surgery; Quality, Safety, and Outcomes; Transplantation and Tissue Engineering; Urology; and Vascular Surgery. More than 450 abstracts will be presented Monday through Thursday.

Continuing medical education credit is offered for these sessions.

The Scientific Forum Committee is sponsoring or cosponsoring the following Panel Sessions:

Monday, October 17

PS103 | 9:45-11:15 am
Friend or Foe? Understanding the Microbiome in the Surgical Patient

LOCATION: Rm. 144

Sponsored in conjunction with the Surgical Research Committee

Tuesday, October 18

PS228 | 2:30-4:00 pm
Human Genomics and Personalized Medicine in Surgical Practice

LOCATION: 202A

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Monday, October 17

SF01 | 9:45-11:15 am
Surgical Education I

LOCATION: 145

TRACK: EDU
MODERATOR: Carl E. Haisch, MD, FACS, *Greenville, NC*
CO-MODERATOR: Amit R. T. Joshii, MD, FACS, *Philadelphia, PA*

Use of the Surgical Teaching Rubric Improves Technical Skills Acquisition and Retention
Marina Ibrahim, MD; Melissa C. Duffy; Kevin J. Lachapelle, MD, FACS. McGill University, Montreal, QC

DISCUSSANT: James G. Bittner IV, MD, FACS, *Richmond, VA*

Cognitive Mechanisms of Workload-Related Performance Decline in Surgical Residents
Hemel Modi; Daniel R. Leff, PhD, FRCS(Gen Surg) MS (Hon); Harsimrat Singh, PhD; Guang-Zhong Yang; Ara W. Darzi, MB, BCh, FACS(Hon). Imperial College, London, UK

DISCUSSANT: Christian M. de Virgilio, MD, FACS, *Torrance, CA*

Accreditation Council for Graduate Medical Education Surgery Resident Operative Logs: The Last Quarter-Century
Frederick T. Drake, MD, MPH; Shahram Aarabi, MD, MPH; Brandon T. Garland, MD; Ciara R. Huntington, MD; Jarod P. McAteer, MD, MPH; Morgan K. Richards, MD, MPH; Nicole K. Zern, MD; Kenneth W. Gow, MD, FACS. University of Washington, Seattle, and University of California, San Francisco

DISCUSSANT: Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

Accreditation Council for Graduate Medical Education(ACGME) Case Logs as an Indication of Operative Competency for Vascular Anastomoses: A Pilot Study
Seth Noland, MD; Deepa Shah, MD; Daniel J. Torrent, MD; William M. Bogey, Jr., MD, FACS; Carl E. Haisch, MD, FACS. East Carolina University, Greenville, NC

DISCUSSANT: Michael C. Stoner, MD, FACS, *Greenville, NC*

Impact of Surgical Fellowships on American Board of Surgery Pass Rates for General Surgery Programs
Moha Al Fayyadh, MD; Christopher W. Foote; Jeremy Rawlings; Brittany K. Bankhead-Kendall, MD; Michael S. Truitt, MD; Ross E. Willis, PhD; Daniel L. Dent, MD, FACS. University of Texas Health Science, San Antonio, TX, St. Joseph Mercy Oakland, Pontiac, MI, Methodist Dallas Medical Center, Dallas, TX

DISCUSSANT: John D. Mellinger, MD, FACS, *Springfield, IL*

Where Did The Intern Cases Go? An Examination of the Impact of the 2011 Work-Hour Standards Change on Resident Surgical Case Volume
Moha Al Fayyadh, MD; John R. Admire, MD; Andrew J. Adams, MD; Pedro P. Gomez, MD; Daniel L. Dent, MD, FACS; Ross E. Willis, PhD. University of Texas Health Science Center, San Antonio

DISCUSSANT: John G. Hunter, MD, FACS, *Portland, OR*

SF02 | 9:45 am-1:00 pm
Hepatobiliary and Pancreas I

LOCATION: 150

TRACK: GEN
MODERATORS:
Jordan M. Winter, MD, FACS, *Philadelphia, PA*
Sajid A. Khan, MD, *New Haven, CT*

Site-1-Protease Mediated Unfolded Protein Response Protects against Pancreatic Injury in Acute Pancreatitis
Kaylene Barrera, MD; Kei Okochi; Albert Stanek, MD; Cathy M. Mueller; Peiqi Ou; Samantha Shakhvorostova; Antonio E. Alfonso, MD, FACS; Chongmin Huan, MD, PhD. State University of New York, Downstate Medical Center Brooklyn, NY

DISCUSSANT: Mary E. Dillhoff, MD, *Columbus, OH*

Whipple Cost Calculator: A Novel Prediction Tool for Hospitalization Cost Based on Preoperative Variables Developed from a High-Volume, Single-Center Experience
Russell C. Kirks, Jr., MD; Allyson R. Cochran; Keith Murphy; TE Barnes, MD; Erin H. Baker, MD; John B. Martine, MD; David A. Iannitti, MD, FACS; Dionisios Vrochides, MD, PhD, FACS, FRCSC. Carolinas Medical Center, Charlotte, NC

DISCUSSANT: Juan C. B. Andrade, MD, Little Rock, AR

Hepatic Focal Adhesion Kinase Signaling Modulates Development of Liver Fibrosis
Tammy T. Chang, MD, PhD, FACS; Vivian X. Zhou. University of California, San Francisco, CA

DISCUSSANT: Ajay V. Maker, MD, FACS, *Chicago, IL*

Laparoscopic-Assisted Transgastric ERCP Decreases Length of Stay Compared with Common Bile Duct Exploration in the Treatment of Choledocholithiasis after Gastric Surgery
Russell C. Kirks, Jr., MD; Patrick D. Lorimer, MD; Mike Fruscione, MD; Allyson R. Cochran; Stephen E. Deal, MD, FACG; Erin H. Baker, MD; John B. Martinie, MD, FACS; David A. Iannitti, MD, FACS; Dionisios Vrochides, MD, PhD, FACS, FRCSC. Carolinas Medical Center, Charlotte, NC

DISCUSSANT: Harish Lavu, MD, FACS, *Philadelphia, PA*

A Semi-Automated Assessment of Radiographic Sarcopenia Using Psoas Area and Density Predicts Outcomes after Pancreaticoduodenectomy for Malignancy
Jukes P. Namm, MD; Kiran H. Thakrar, MD; Chi E. Wang, PhD; Susan J. Stocker; Malini D. Sur, MD; Jonathan Berlin, MD; William Dale, MD, PhD; Mark S. Talamonti, MD, FACS; Kevin K. Roggin, MD, FACS. University of Chicago Medicine, Chicago, IL, NorthShore University Health System, Evanston, IL, Loma Linda University Health, Loma Linda, CA

DISCUSSANT: Aaron R. Sasson, MD, FACS, *Stony Brook, NY*

Prospective Phase II Trial of Combination Hepatic Artery and Systemic Chemotherapy for Unresectable Colorectal Liver Metastases: Long-Term Results and Curative Potential
Linda W. Ma, MD; Nancy E. Kemeny, MD; Marinela Capanu, PhD; Joanne Chou, MPH; Andrea Cercek, MD; T. Peter Kingham, MD; Peter J. Allen, MD, FACS; Ronald P. DeMatteo, MD, FACS; William R. Jarnagin, MD, FACS; Michael I. D'Angelica, MD. Memorial Sloan Kettering Cancer Center, New York, NY

DISCUSSANT: Kiran K. Turaga, MD, MPH, FACS, *Milwaukee, WI*

Minimally Invasive Surgical Approaches Offer Earlier Time to Adjuvant Chemotherapy but are Not Yet Associated with Improved Survival in Resected Pancreatic Cancer
Katelin A. Mirkin, MD; Erin K. Greenleaf, MD; Christopher S. Hollenbeak, PhD; Joyce Wong, MD. Penn State Hershey, Hershey, PA

DISCUSSANT: Harish Lavu, MD, FACS, *Philadelphia, PA*

Incidence and Predictors of Readmission after Curative-Intent Resection for Extrahepatic Cholangiocarcinoma: A Multi-Institutional 15-Year Experience from the U.S. Extrahepatic Biliary Malignancy Collaborative
Ioannis Hatzaras, MD, MPH, FACS; Shishir Maithel, MD, FACS; Perry Shen, MD; Timothy M. Pawlik, MD, MPH, PhD, FACS; Kamran Idrees, MD, FACS; Ryan C. Fields, MD; Sharon M. Weber, MD, FACS; Robert G. Martin, II, MD, FACS; Carl R. Schmidt, MD, FACS; George A. Poultsides, MD, FACS. New York University School of Medicine, New York, NY, Emory University, Atlanta, GA, Stanford University, Palo Alto, CA

DISCUSSANT: Flavio G. Rocha, MD, FACS, *Seattle, WA*

Pharmacological Ascorbate-Induced HIF-1α Degradation and VEGF Suppression in Pancreatic Cancer
Justin Wilkes, MD; Juan Du, PhD; Zita Sibenaller, PhD; Adrienne Klinger; Joseph J. Cullen, MD, FACS. University of Iowa, Carver College of Medicine, Iowa City, IA

DISCUSSANT: Carl R. Schmidt, MD, FACS, *Columbus, OH*

Comparison of Perioperative Outcomes between Open, Laparoscopic, and Robotic Distal Pancreatectomy: An Analysis of 1,815 Patients from the ACS National Surgical Quality Improvement Program (NSQIP®) Database
Dimitrios Xourafas, MD, MPH, MBA; Thomas E. Clancy, MD, FACS; Richard S. Swanson, MD, FACS; Stanley W. Ashley, MD, FACS. Brigham and Women's Hospital, Boston, MA

DISCUSSANT: Matthew J. Weiss, MD, FACS, *Baltimore, MD*

Bacteriological Profiles of Surgical Site Infections following Pancreatoduodenectomy—Do We Need to Change the Prophylactic Antibiotic Regimen?
Carolyn Power, MD; Daniel Joyce, MD; Nancy Anzlovar; Teresa Diago Uso; R. Matthew Walsh; Gareth Morris-Stiff, MB, BCh, MD, MCh, PhD, FRCS. Cleveland Clinic Foundation, OH

DISCUSSANT: Kai A. Bickenbach, MD, *Chatham, NJ*

The Comparative Effectiveness of Minimally Invasive Surgery and Conventional Approaches to Major or Challenging Hepatectomies
Lucas W. Thornblade, MD; Xu Shi; Alex Ruiz; David R. Flum, MD, FACS; James O. Park, MD, FACS. University of Washington Seattle, WA

DISCUSSANT: Eric J. Silberfein, MD, FACS, *Houston, TX*

SF03 | 9:45 am-1:00 pm
Surgical Oncology I

LOCATION: 201

TRACK: ONC

MODERATORS:
David J. Bentrem, MD, FACS, *Chicago, IL*
Karyn B. Stitzenberg, MD, MPH, FACS, *Chapel Hill, NC*

The Elusive Goal of Cancer Surgery: Patient and Provider Perception of "Cure"
Timothy M. Pawlik, MD, MPH, PhD, FACS; Ana Wilson, DO; Megan Winner, MD; Alexander T. Yahanda; Faiz Gani, MB,BS; Yuhree Kim, MD. Johns Hopkins University, School of Medicine, Baltimore, MD

DISCUSSANT: Karyn B. Stitzenberg, MD, MPH, FACS, *Chapel Hill, NC*

Chemotherapeutic Role of Intravesical Gemcitabine and Mitomycin C. for High-Risk Non-Muscle Invasive Bladder Carcinoma-A Randomized Trial
Kumar Jayant, MB,BS; Santosh Kumar; Ganapati Hariharan. Postgraduate Institute of Medical Education and Research, Chandigarh, India

DISCUSSANT: Angela B. Smith, MD, FACS, *Chapel Hill, NC*

Wireless Real-Time Program Successfully Monitors Recovery after Major Abdominal Surgery
Sinziana Dumitra, MD; Virginia Sun, PhD; Nora H. Ruel; Byrne Lee, MD, FACS; Yanghee Woo, MD; Laleh G. Melstrom, MD, FACS; Kurt Melstrom, MD, FACS; Stephen Sentovich, MD, FACS; Gagandeep Singh, MD; Yuman Fong, MD, FACS. City of Hope, Duarte, CA

DISCUSSANT: Karyn B. Stitzenberg, MD, MPH, FACS, *Chapel Hill, NC*

Despite Guidelines Preoperative Administration of Subcutaneous Heparin for Venous Thromboembolism Prophylaxis Is Severely Underutilized
Seyed Amirhossein Razavi, MD; Toncred M. Styblo, MD; Juan M. Sarmiento, MD, FACS; David A. Kooby, MD, FACS; Patrick S. Sullivan, MD, FACS; Shishir Maithel, MD, FACS; Virginia L. Shaffer, MD, FACS; Charles A. Staley, MD; Keith A. Delman, MD, FACS. Emory University, Atlanta, GA

DISCUSSANT: David J. Bentrem, MD, FACS, *Chicago, IL*

Incidence and Risk Factors of Symptomatic Hiatal Hernia following Resection for Gastric and Esophageal Cancer
Andreas Andreou, MD; Benjamin Struecker, MD; Igor M. Sauer, MD; Marcus Bahra, MD; Christian Denecke, MD; Sascha S. Chopra, MD; Johann Pratschke, MD, PhD, FACS; Matthias Biebl, MD. Charite–Universitatsmedizin, Berlin, Germany

DISCUSSANT: Joseph Phillips, MD, *Ann Arbor, MI*

The Role and Associated Disparities in the Use of Radioiodine Therapy and Total Thyroidectomy in Patients with Low-Risk Thyroid Cancer
Zaid Al-Qurayshi, MD, MPH; Sudesh K. Srivastav, PhD; Emad Kandil, MB, BCh, FACS. Tulane University School of Medicine, New Orleans, LA

DISCUSSANT: Erin A. Felger, MD, FACS, *Washington, DC*

Minimal Invasion, Nodal Metastasis, and Tumor Size Impact on Survival of Patients with Stage III Papillary Thyroid Cancer
Zaid Al-Qurayshi, MD, MPH; Sudesh K. Srivastav, PhD; Emad Kandil, MB, BCh, FACS. Tulane University School of Medicine, New Orleans, LA

DISCUSSANT: Erin A. Felger, MD, FACS, *Washington, DC*

Association Between Systemic Inflammation and Intratumoral Cytokines and PTGS2 Messenger RNA Levels, Stage, Differentiation Grade and Mismatch Repair Status in Patients with Colonic Adenocarcinoma
Andreas Rosen; Thea H. Degett, MD; Lene T. Kirkeby, MD; Jorgen Olsen, MD; Susanne Eiholm, MD; Per Jess, MD; Jesper T. Troelsen; Jesper Olsen, MD; Ismail Goegenur, MD. Zealand University Hospital, Koege, University of Copenhagen, Roskilde University, Copenhagen, Denmark

DISCUSSANT: Brian K. Bednarski, MD, *Chapel Hill, NC*

Chronic Imatinib (>3 years) Therapy after Complete Resection of Primary, High-Risk Gastrointestinal Stromal Tumor (GIST) is Associated with Low Recurrence
Michael J. Cavnar, MD; Vinod P. Balachandran, MD; Ping Chi, MD, PhD; Mary L. Keohan, MD; William D. Tap, MD; Ronald P. DeMatteo, MD, FACS. Memorial Sloan Kettering Cancer Center, New York, NY

DISCUSSANT: Jeffrey D. Wayne, MD, FACS, *Chicago, IL*

Sarcopenia as a Predictor of Prognosis after Curative Resection for Advanced Gastric Cancer
Tatsuto Nishigori, MD; Shigeru Tsunoda, MD, PhD; Hisashi Shinohara, MD, PhD; Hisahiro Hosogi, MD, PhD; Shigeo Hisamori, MD; Yoshiharu Sakai, MD, FACS. Kyoto University, Japan

DISCUSSANT: Shishir K. Maithel, MD, FACS, *Atlanta, GA*

Laparoscopic Surgery Increases Return to Intended Oncologic Treatment following Resection for Gastric and Esophageal Cancer and Improves Outcomes
Andreas Andreou, MD; Matthias Biebl, MD; Benjamin Struecker, MD; Sascha S. Chopra, MD; Christian Denecke, MD; Peter C. Thuss-Patience, MD; Prisca Sturm, MD; Igor M. Sauer, MD; Marcus Bahra, MD; Johann Pratschke, MD, PhD, FACS. Charite–Universitatsmedizin, Berlin, Germany

DISCUSSANT: Joseph Phillips, MD, *Ann Arbor, MI*

SF04 | 2:30-4:00 pm
Pediatric Surgery I

LOCATION: 102

TRACK: PED
MODERATOR: Marjorie J. Arca, MD, FACS, *Milwaukee, WI*

2016 Excellence in Research Award

Retroperitoneal Lymph Node Staging in Paratesticular Rhabdomyosarcoma—Are We Meeting Expectations?
Emma C. Hamilton, MD; Charles C. Miller III, PhD; Michael Joseph, MPH; Winston Huh, MD; Andrea A. Hayes-Jordan, MD, FACS; Mary T. Austin, MD, FACS. University of Texas Health Science Center at Houston, University of Texas MD, Anderson Cancer Center, Houston, TX

DISCUSSANT: Joseph A. Iocono, MD, MBA, FACS, FAAP, *Lexington, KY*

Early vs. Delayed Gastroschisis Closure: Outcomes Across U.S. Children's Hospitals
Dani O. Gonzalez, MD; Jennifer N. Cooper, PhD; Shawn D. St. Peter, MD, FACS; Peter C. Minneci, MD, FACS; Katherine J. Deans, MD, FACS. Nationwide Children's Hospital Columbus, OH, Icahn School of Medicine at Mount Sinai, New York, NY, Children's Mercy Hospital and Clinics, Kansas City, MO

DISCUSSANT: Cynthia D. Downard, MD, FACS, *Louisville, KY*

Influence of Surgical Technique on Outcomes for Uncomplicated and Complicated Appendicitis in Children: Evidence from National Surgical Quality Improvement Program (NSQIP®)-Pediatric
Arturo J. Rios-Diaz, MD; Gezzer Ortega, MD, MPH; Grace E. Hsiung, MD; Fatimah Z. Fahimuddin; Margaret S. Pichardo, MPH; Jimmy Lam; Fizan Abdullah, MD, FACS; Faisal G. Qureshi, MB,BS, FACS. Northwestern University, Chicago, IL

DISCUSSANT: Shawn J. Rangel, MD, MSCE, FAAP, FACS, *Boston, MA*

Screening Ultrasound for Early Detection of Venous Thromboembolism (VTE) in Critically Ill Injured Children
Rachel Landisch, MD; Kristin A. Braun; Rowena C. Punzalan, MD; David M. Gourlay, MD; Sheila J. Hanson, MD. Medical College of Wisconsin, Milwaukee, WI, Children's Hospital of Wisconsin, Milwaukee

DISCUSSANT: Colleen M. Fitzpatrick, MD, FACS, *St. Louis, MO*

Sociodemographic Disparities Increase Neonatal Sepsis Mortality: A Nationwide Study
Fredrick J. Bohanon, MD; Deepak Adhikari; Hemalkumar B. Mehta, PhD; Omar Nunez Lopez, MD; Xiaofu Wang; Jonathan Wang; Kanika A. Bowen-Jallow, MD; Ravi S. Radhakrishnan, MD, MBA, FACS, FAAP. University of Texas Medical Branch, Galveston, TX

DISCUSSANT: Eunice Yuee-Dean Huang, MD, FACS, *Memphis, TN*

Sutureless vs. Sutured Gastroschisis Closure: A Prospective Randomized Controlled Trial
Matias Bruzoni, MD, FACS; Joshua D. Jaramillo; Claire Abrajano; Susan R. Hintz, MD; Tina Hernandez-Boussard, PhD, MPH; Sanjeev Dutta, MD, MBA. Lucile Packard Children's Hospital, Stanford University School of Medicine, CA

DISCUSSANT: Casey M. Calkins, MD, FACS, *Milwaukee, WI*

SF05 | 2:30-4:00 pm
Quality, Safety, and Outcomes I

LOCATION: 143BC

TRACK: HP

MODERATORS:
Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*
Samuel R.G. Finlayson, MD, MPH, FACS, *Salt Lake City, UT*

Strategies for Reducing Population Surgical Costs in Medicare: Potential Benefit of Selective Referral to Low-Cost Hospitals
Hari Nathan, MD, PhD; Edward C. Norton, PhD; Huiying Hy Yin; Jyothi R. Thumma, MPH; Justin B. Dimick, MD, MPH, FACS. University of Michigan, Ann Arbor

DISCUSSANT: Jennifer M. Tseng, MD, FACS, *Boston, MA*

Effects of the Affordable Care Act on Financial Margins and Access to Care for Appendectomy and Cholecystectomy
Amit Basu, MD, FACS; Taylor R. Klein; Jonathan Robitsek, PhD; Jeffrey Chan, MD, FACS; Alfredo Wong, MD; David Sammett, MD; Katherine Mckenzie; Geoffrey Doughlin, MD; Kenneth R. Fretwell, MD, FACS; Sebastian D. Schubl, MD. Jamaica Hospital Medical Center, Jamaica, NY

DISCUSSANT: Heena P. Santry, MD, FACS, *Worcester, MA*

Are Patients Making Optimal Choices When Selecting Hospitals?
Zhi Ven Fong, MD; Yanik J. Bababekov, MD, MPH; Carlos F. Fernandez-del Castillo, MD, FACS; Cristina R. Ferrone, MD, FACS; Andrew L. Warshaw, MD, FACS, FRCSEd(Hon); Keith D. Lillemoe, MD, FACS; David C. Chang, PhD, MBA, MPH. Massachusetts General Hospital, Boston

DISCUSSANT: Karl Y. Bilimoria, MD, FACS, *Chicago, IL*

The Financial Impact of State-Level Medicaid Expansion on Trauma Safety-Net Hospitals
Pooja Upadhyaya; John W. Scott, MD, MPH; Peter Najjar, MD; Kirstin Scott, PhD, MPhil; David Cutler, PhD; Adil H. Haider, MD, MPH, FACS; Ali Salim, MD, FACS. Center for Surgery and Public Health, Brigham and Women's Hospital, Boston, MA

DISCUSSANT: Ben Zarzaur, MD, MPH, FACS, *Indianapolis, IN*

Expanded Insurance Coverage Improves General Surgeon Workforce Distribution
Scott Dolejs, MD; Teresa M. Bell, PhD; Ben L. Zarzaur, MD, MPH, FACS. Indiana University, Indianapolis

DISCUSSANT: Randall S. Zuckerman, MD, FACS, *Whitefish, MT*

Adherence with Enhanced Recovery Components Contributes to Improved Outcomes
Julia R. Berian, MD; Kristen A. Ban, MD; Sanjay Mohanty, MD; Jennifer L. Paruch, MD; Clifford Y. Ko, MD, MSHS, FACS, FASCRS; Liane S. Feldman, MD, FACS, FRCS; Julie K. Thacker, MD, FACS. American College of Surgeons, Chicago, IL, McGill University Health Center, Montreal, QC, Duke University, Durham, NC

DISCUSSANT: Scott E. Regenbogen, MD, FACS, *Ann Arbor, MI*

SF06 | 2:30-5:45 pm
Cardiac Surgery

LOCATION: 149

TRACK: CTS

MODERATOR: Ravi K. Ghanta, MD, *Charlottesville, VA*

Macrophage Polarization Promotes Fetal Cardiac Regeneration Following Myocardial Infarction
Carlos Zgheib, PhD; Sina Nassiri; Maggie M. Hodges, MD; Junwang Xu, PhD; Junyi Hu, MD; Myron W. Allukian, MD; Joseph H. Gorman III, MD; Robert C. Gorman, MD, FACS; Kara L. Spiller, PhD; Kenneth W. Liechty, MD, FACS, FAAP. University of Colorado Denver, Anschutz Medical Campus, Aurora

DISCUSSANT: Zain Khalpey, MD, *Tucson, AZ*

Unplanned Procedures in Cardiac Surgery: Quantifying the Importance of Preoperative Planning and Error Prevention
John N. Melvan, MD, PhD; Vinod H. Thourani, MD, FACS; Jose N. Binongo, PhD; Bradley G. Leshnower, MD, FACS; Edward P. Chen, MD, FACS; Eric L. Sarin, MD; Robert A. Guyton, MD; Omar M. Lattouf, MD; Michael E. Halkos, MD, FACS; W. Brent Keeling, MD. Emory University School of Medicine, Atlanta, GA

DISCUSSANT: Serguei Melnitchouk, MD, FACS, *Newton, MA*

Single-Center Experience with the Bentall Procedure with Biological Valve Conduit
Yakov Elgudin, MD, PhD; Harveen K. Lamba, MD; Salil V. Deo, MCh; Kevin Chen; Neil H. Patel; Brian L. Cmolik, MD, FACS. Louis Stokes VA Cleveland Medical Center, OH

DISCUSSANT: Muhammad Aftab, MB, BS, *Houston, TX*

Incidence and Analysis of General Surgical Procedures in Adult Patients on Extracorporeal Membrane Oxygenation
Biren Juthani, DO; Timothy S. Misselbeck, MD; Scott Beman, MD. Lehigh Valley Health Network, Allentown, PA, Danbury Hospital, CT

DISCUSSANT: Muhammad Aftab, MB, BS, *Houston, TX*

Long-Term Effects on Pulmonary Function in Patients Post-Fontan Operation
Anthony Dakwar. Technion Institute of Technology, Haifa, Israel

DISCUSSANT: Mark E. Roeser, MD, *Charlottesville, VA*

Photochemical Reinforcement Reduces Intimal Hyperplasia in a Porcine Model of Arteriovenous Bypass Grafting
Robert N. Goldstone, MD; Saiqa I. Khan, MD; Michael McCormack, MBA; Harry Salinas, MD; Amanda Meppelink; Mark A. Randolphs; Michael T. Watkins, MD, FACS; Robert W. Rond, PhD; William G. Austen, Jr., MD. Massachusetts General Hospital, Boston

DISCUSSANT: Ravi K. Ghanta, MD, *Charlottesville, VA*

Outcomes of Adult Venovenous ECMO Patients Without Anticoagulation: A Retrospective Review at a Tertiary Level Referral Center
Biren Juthani, DO; Cameron S.T. Hilaire; Bryan Auvil; Rosalie Mattiola; Rita Pechulis, MD; James K. Wu, MD. Lehigh Valley Health Network, Allentown, PA, Danbury Hospital, CT

DISCUSSANT: Mark E. Roeser, MD, *Charlottesville, VA*

SF07 | 2:30-5:45 pm
General Surgery I

LOCATION: 202A

TRACK: GEN

MODERATORS:
Heather L. Evans, MD, MS, FACS, *Seattle, WA*
Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

A Randomized Clinical Trial of Laparoscopic Transabdominal Preperitoneal (TAPP) vs Open Lichtenstein Repair for Bilateral Inguinal Hernias
Benedetto Ielpo, MD; Hipolito Duran, MD, PhD; Eduardo Diaz; Isabel Fabra; Riccardo Caruso, MD; Luis Malave; Antonio Zafra; Yolanda Quijano, MD, PhD; Emilio Vicente, MD, PhD, FACS; Valentina Ferri. Sanchinarro University Hospital, Madrid, Spain

DISCUSSANT: Moderator(s)

Long-term Persistent Pain after Transabdominal Preperitoneal (TAPP) Groin Hernia Surgery: A Comparison Between Fibrin Sealant and Tacks for Mesh Fixation
Jakob Burcharth, MD, PhD; Kristoffer Andresen, MD; Hans-Christian Pommergaard, MD; Jacob Rosenberg, MD, FACS. University Hospital of Sjaelland Koege, Herlev Hospital, Hvidovre Hospital, Denmark

DISCUSSANT: Moderator(s)

Long-Term Assessment of Surgical and Quality of Life Outcomes Between Lightweight (ULTRAPRO) and Heavyweight (Standard 3-DMax) Mesh in Laparoscopic Inguinal Hernia Repair
Steven Groene, MD; Vedra A. Augenstein, MD, FACS; Tanushree Prasad; Amy E. Lincourt, PhD; Kent W. Kercher, MD, FACS; B. Todd Heniford, MD, FACS. Carolinas Medical Center, Charlotte, NC

DISCUSSANT: Moderator(s)

Reoperation for Inguinal Hernia Recurrence in Ontario: A Population-Based Study
Joshua K. Ramjist, MD; David R. Urbach, MD, FACS; Therese A. Stukel, PhD; Longdi Fu; Nancy N. Baxter, MD, FACS. University of Toronto, Toronto, ON

DISCUSSANT: Moderator(s)

Are Surgeons Good at Both Inguinal and Ventral Hernia Repairs? Evidence from New York State
Christopher T. Aquina, MD; Adan Z. Becerra; Christian P. Probst, MD; Bradley J. Hensley, MD, MBA; Zhaomin Xu, MD; James C. Iannuzzi, MD, MPH; Katia Noyes, PhD, MPH; John R. Monson, MD, MB, BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester Medical Center, Rochester, NY

DISCUSSANT: Moderator(s)

A Prospective Nationwide Study on Long-Term Mesh-Related Complications after Incisional Hernia Repair
Dunja Kokotovic; Thue Bisgaard; Frederik Helgstrand, MD. Koege Hospital-Koege, Hvidovre Hospital Copenhagen, Denmark

DISCUSSANT: Moderator(s)

The Hidden Morbidity of Ventral Hernia Repair with Mesh: As Concerning as Common Bile Duct Injury?
Kristy Kummerow Broman, MD, MPH; Li-Ching Huang, PhD; Adil Faqih; Sharon E. Phillips; Rebeccah B. Baucom, MD; Michael D. Holzman, MD, MPH, FACS; Kenneth W. Sharp, MD, FACS; Richard A. Pierce, MD, PhD, FACS; Benjamin K. Poulose, MD, MPH, FACS. Vanderbilt University Medical Center, Nashville, TN

DISCUSSANT: Moderator(s)

Early Patient Morbidity Following Open Ventral Hernia Repair with Permanent Synthetic vs. Biosynthetic Mesh
Sambit Sahoo, MD, PhD; Ivy N. Haskins, MD; Colin O'Rourke; David Krpata, MD; Kathleen Derwin, PhD; Michael J. Rosen, MD, FACS. Cleveland Clinic, Cleveland, OH

DISCUSSANT: Moderator(s)

Primary Fascial Closure during Laparoscopic Ventral Hernia Repair Does Not Reduce 30-day Wound Complications
Christina M. Papageorge, MD; Benjamin K. Poulose, MD, MPH, FACS; Sharon E. Phillips; Luke M. Funk, MD, MPH, FACS; Michael J. Rosen, MD, FACS; Jacob A. Greenberg, MD, FACS. University of Wisconsin School of Medicine and Public Health, Madison, WI, Vanderbilt University Medical Center, Nashville, TN; Cleveland Clinic Foundation, OH

DISCUSSANT: Moderator(s)

Outcomes Associated with Resident Involvement in Ventral Hernia Repair: A Population-Based Study Using the National Surgical Quality Improvement Program (NSQIP®) Database
Kevin Schrand, MD; Kevin Grannan, MD; Erik M. Dunki-Jacobs, MD. Trihealth, Good Samaritan Hospital, Cincinnati, OH

DISCUSSANT: Moderator(s)

The Role of Body Mass Index in Determining Clinical and Quality of Life Outcomes Post-Laparoscopic Antireflux Surgery
Kamran Mohiuddin, MD; Hamid R. Zahiri; Adam S. Weltz, MD; Steven D. Leydorf; George T. Fantry, MD; Adrian E. Park, MD, FACS, FRCSC. Anne Arundel Medical Center, Annapolis, MD, University of Maryland Medical Center, Baltimore

DISCUSSANT: Moderator(s)

Effect of Surgical Technique on Recurrence Rates Following Laparoscopic Paraesophageal Hernia Repair
Maximiliano R. Sobrero; Chaya Shwaartz, MD; Eric J. Wilck, MD; Edward H. Chin, MD, FACS; Scott Q. Nguyen, MD, FACS; Linda P. Zhang, MD; Celia M. Divino, MD, FACS. Icahn School of Medicine at Mount Sinai, New York, NY

DISCUSSANT: Moderator(s)

Patients Are Well-Served by Collis Gastroplasty When Indicated
Kamran Mohiuddin, MD; Hamid R. Zahiri; Adam S. Weltz, MD; Steven D. Leydorf; George T. Fantry, MD; Adrian E. Park, MD, FACS, FRCSC. Anne Arundel Medical Center, Annapolis, MD, University of Maryland Medical Center, Baltimore, MD

DISCUSSANT: Moderator(s)

Clinical Outcomes after Surgery for Intrathoracic Stomach—A Decade Long Experience
Allison Blake; Shunsuke Akimoto, MD; Sumeet K. Mittal, MD, FACS. Creighton University School of Medicine, Omaha, NE

DISCUSSANT: Moderator(s)

SF08 | 2:30-5:45 pm
Urology I

LOCATION: 143A

TRACK: URO
MODERATORS:
Kristen L. Greene, MD, FACS, *San Francisco, CA*
Bradley D. Figler, MD, *Seattle, WA*

Understanding the Trajectory of Functional Status and Symptoms in the 90-Day Cystectomy Period
Matthew Macey, MD; Troy Sukhu, MD; Sarah R. Stanley; Allison Deal; Dana E. Mueller; Matthew Nielsen, MD, FACS; Raj S. Pruthi, MD, FACS; Eric M. Wallen, MD, FACS; Michael E. Woods, MD, FACS; Angela B. Smith, MD, FACS. University of North Carolina, Chapel Hill

DISCUSSANT: Viraj Master, MD, FACS, *Atlanta, GA*

Patient Frailty and Discharge Disposition following Radical Cystectomy
Jeffrey Pearl, MD; Dattatraya Patil, MB, BS, MPH; Shipra Arya, MD; Mehrdad Alemozaffar, MD; Viraj A. Master, MD, FACS; Kenneth Ogan, MD. Emory University School of Medicine, Atlanta, GA

DISCUSSANT: Moderator(s)

Evaluating the Timing of Surgical Complications following Cystectomy
Troy Sukhu, MD; Jason Lomboy, MD; Matthew Macey, MD; Allison Deal; Eric M. Wallen, MD, FACS; Michael E. Woods, MD, FACS; Raj S. Pruthi, MD, FACS; Angela B. Smith, MD, FACS. University of North Carolina, Chapel Hill, NC

DISCUSSANT: Tracy M. Downs, MD, FACS, *Madison, WI*

Comparative Perioperative Outcomes in Septuagenarians and Octogenarians Undergoing Radical Cystectomy for Bladder Cancer: Do Outcomes Differ?
Tyler Haden, MD; Andrew Franklin, MD; Naveen Pokala. University of Missouri, Columbia

DISCUSSANT: Moderator(s)

Advanced Practice Providers in U.S. Urology
Joshua P. Langston, MD; Heather Schultz; Troy Sukhu, MD; Jason Lomboy, MD; Matthew Macey, MD; Venetia L. Orcutt, PhD; E. Will Kirby, MD; Matthew Nielsen, MD, FACS; Angela B. Smith, MD; Raj S. Pruthi, MD, FACS. University of North Carolina, Chapel Hill, NC

DISCUSSANT: Moderator(s)

The Disappearance of Surgical Management of Renal Trauma: Implications for Surgeon Training Based on Data from the National Trauma Database (NTDB)®
Marc Colaco, MD; Susan MacDonald, MD; Ryan Terlecki, MD, FACS. Wake Forest Baptist Health, Winston-Salem, NC

DISCUSSANT: Jack W. McAninch, MD, FACS, *San Francisco, CA*

Prognostic Significance of Prostate-Specific Antigen Decline
William A. Sterling; Komal Mehta; David Schreiber, MD; William Blank, MD; Jeffrey Weiss, MD; Nicholas Karanikolas. State University of New York Downstate Medical Center, VA New York Harbor. Healthcare System, Brooklyn, NY

DISCUSSANT: Moderator(s)

Automated Stone Volume Measurement Using Reduced-Dose CT is Comparable Standard-Dose CT-A Prospective Clinical Trial
John R. Bell, MD; Amy Lim, MD; Perry Pickhardt, MD; Stephen Y. Nakada, MD, FACS. University of Wisconsin, Madison

DISCUSSANT: Moderator(s)

Changes in Nocturnal Bladder Diary Parameters in Men after Urethroplasty for Anterior Urethral Strictures
Jyoti Chouhan, DO; Frank Copeli; Jeffrey P. Weiss, MD, FACS; Rajveer S. Purohit, MD, FACS. The Institute for Bladder and Prostate Research, Manhattan, NY, State University of New York Downstate Medical Center, Brooklyn

DISCUSSANT: Moderator(s)

Tuesday, October 18

SF09 | 8:00-9:30 am
Bariatric/Foregut I

LOCATION: 202A

TRACKS: BTR, GEN

MODERATORS:
Jacob A. Greenberg, MD, FACS, *Madison, WI*
Jon C. Gould, MD, FACS, *Milwaukee, WI*

The Role of Glucagon-Like Peptide-2 (GLP-2) in the Metabolic Benefits of Bariatric Surgery
Eleanor J.M. Rudge, MB, ChB; Thomas C. Mielewczyk; Ali Tavakkoli, MB, BS, FACS; Eric G. Sheu, MD, PhD. Brigham and Women's Hospital/Harvard Medical School, Boston, MA

DISCUSSANT: Tammy Kindel, MD, PhD, *Milwaukee, WI*

Outcomes of Esophagectomy by General vs. Thoracic Surgeon: Data from the 2011-2014 ACS National Surgical Quality Improvement Program (NSQIP®) Database
Matthew D. Whealon, MD; John V. Gahagan, MD; Brian R. Smith, MD; Michael J. Phelan, PhD; Ninh T. Nguyen, MD, FACS. University of California, Irvine

DISCUSSANT: Anne O. Lidor, MD, FACS, *Baltimore, MD*

Approach to Asymptomatic Paraesophageal Hernia: Elective Laparoscopic Hernia Repair or Watchful Waiting?
James Jung, MD; Ramy Behman, MD; David Naimark, MD, FRCP(C); Teodor P. Grantcharov, MD, PhD, FACS. University of Toronto, Toronto, ON

DISCUSSANT: Andrew S. Kastenmeier, MD, FACS, *Milwaukee, WI*

Preoperative Antibiotics Drive the Short-Term Changes in the Gut Microbiome following the Vertical Sleeve Gastrectomy
Cyrus Jahansouz, MD; Christopher Staley, PhD; Daniel B. Leslie, MD, FACS; Michael J. Sadowsky, PhD; Alexander Khoruts, MD, FACS; Sayeed Ikramuddin, MD, FACS. University of Minnesota, Minneapolis, MN

DISCUSSANT: Eric G. Sheu, MD, DPhil, *Boston, MA*

Perioperative Outcomes of African-American Patients Undergoing Bariatric Surgery
Matthew D. Whealon, MD; Michael Morell, MD; John V. Gahagan, MD; Michael J. Phelan, PhD; Ninh T. Nguyen, MD, FACS. University of California, Irvine, Orange, CA

DISCUSSANT: Dana A. Telem, MD, FACS, *Ann Arbor, MI*

Synoptic Operative Reporting: Assessing the Reliability, Accuracy, and Completeness of Synoptic Reports for Roux-en-Y Gastric Bypass
Shannon Stogryn, MB, BS; Krista Hardy, MD, FACS, FRCSC; Michael J. Mullan, MD; Jason Park, MD, FACS,FRCSC; Christopher G. Andrew, MD, FRCSC; Ashley Vergis, MD, FACS, FRCSC. University of Manitoba, Winnipeg, MB

DISCUSSANT: Shanu N. Kothari, MD, FACS, *La Crosse, WI*

SF10 | 8:00-9:30 am
Surgical Education II

LOCATION: 150

TRACK: EDU

MODERATORS:
Amy N. Hildreth, MD, FACS, *Winston-Salem, NC*
Jason W. Kempenich, MD, FACS, *Biloxi, MS*

Residency Programs with Nonphysician Educators Are More Likely to Perform Baseline Competency Testing
Shanna R. Sprinkle, MD; Harold Leraas; Elisabeth T. Tracy, MD; John Migaly, MD, FACS. Duke University, Durham, NC

DISCUSSANT: Gabriela Velazquez-Ramirez, MD, *Winston-Salem, NC*

Resident Remediation and Program Director Attitudes Toward Categorical Surgical Resident Attrition at High-and Low-Attrition Programs
Alexander C. Schwed, MD; Steven L. Lee, MD; Edgardo S. Salcedo, MD; Mark E. Reeves, MD, PhD, FACS; Kenji Inaba, MD, FACS, FRCSC; Richard A. Sidwell, MD, FACS; Farin Amersi, MD, FACS; Chandrakanth Are, MB,BS, MBA, FRCS FACS; Amy H. Kaji, MD, PhD; Christian de Vir. Harbor-University of California Los Angeles Medical Center, Torrance

DISCUSSANT: John M. Green, MD, FACS, *Charlotte, NC*

Belong, Well-Being, and Attrition in General Surgery
Arghavan Salles, MD, PhD; Dana T. Lin, MD, FACS; Cara A. Liebert, MD; Micaela Esquivel, MD; Claudia Mueller, PhD, MD. Stanford Health Care, CA

DISCUSSANT: M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

Resource Utilization in Implementing the Resident Prep Curriculum
Christopher J.O. Neylan; Kristoffel R. Dumon, MD, FACS; Rachel R. Kelz, MD, FACS; Steven R. Allen, MD; Noel N. Williams, MD, FRCSI; Daniel T. Dempsey, MD, FACS; Carla S. Fisher, MD. Hospital of the University of Pennsylvania, Philadelphia

DISCUSSANT: Rebecca C. Britt, MD, FACS, *Norfolk, VA*

Sleep Recovery in Total Immersion Surgical Training: Training as if Real
Anthony J. LaPorta, MD, FACS; Anna J. Austin; Conner McKinney; Amber Heck, PhD; Lawrence Gaul, MD, FACC; Tuan Hoang, MD, FACS; Reginald J. Franciose, MD, FACS. RockyVista University School of Medicine, Parker, CO

DISCUSSANT: Moderator(s)

Can Fatigue Affect Acquisition of New Surgical Skills? A Randomized Prospective Trial of Pre- and Post-Call General Surgery Residents Using the da Vinci® Surgical Skills Simulator
Weston Robison; Akshat J. Mehta; John Allen, MD; Tristan E. Senkowski; Christopher K. Senkowski, MD, FACS. Mercer University School of Medicine, Savannah, GA

DISCUSSANT: Dimitrios Stefanidis, MD, PhD, FACS, FASMBS, *Charlotte, NC*

SF11 | 8:00-11:15 am
Ethics

LOCATION: 102

TRACK: ETH

MODERATORS:
Margaret L. Schwarze, MD, FACS, *Madison, WI*
Catherine J. Hunter, MD, FACS, *Chicago, IL*

Making Sure It Doesn't Come Back: Reasons for Choosing Contralateral Prophylactic Mastectomy in an Online Health Community
Rebecca A. Marmor, MD; Anna R. Schoenbrunner; Sarah L. Blair, MD, FACS; Jina Huh, PhD. University of California, San Diego

DISCUSSANT: Benoit Blondeau, MD, MBA, FACS, *Auburn, ME*

Walking on Sunshine: Continued Surveillance of Industry Payments to General Surgeons
Rizwan Ahmed, MD; Caitlin W. Hicks, MD; Sunjae Bae, KMD, MPH; Eric KH Chow; Babak J. Orandi, MD, PhD; Joseph Lopez, MD, MBA; Scott T. Hollenbeck, MD, FACS; Dorry L. Segev, MD, PhD, FACS. Duke University School of Medicine, Durham, NC, Johns Hopkins School of Medicine, Baltimore MD

DISCUSSANT: Moderator(s)

Measuring Informed Consent and Shared Decision Making: A Quantitative Analysis
Susan C. Pitt, MD; Angela M. Ingraham, MD; Megan C. Saucke; Elizabeth M. Wendt; Courtney J. Balentine, MD, MPH; Jason Orne, PhD; Margaret L. Schwarze, MD, FACS. University of Wisconsin, Madison

DISCUSSANT: Margaret J. Tarpley, MLS, *Nashville, TN*

Self-Reported Factors Associated with Surgeon Comfort with Performing Contralateral Prophylactic Mastectomy
Emily C. Bellavance, MD, FACS; Katharine Yao, MD, FACS; Rachel A. Greenup, MD; Jason D. Keune, MD, MBA; Julie Lynch, PhD; Deborah Colyar; Jon Tilburt, MD, MPH; Fay Hlubocky, MD; Jeffrey Peppercorn, MD, MPH. University of Maryland School of Medicine, Baltimore, MD

DISCUSSANT: Robert S. Krouse, MD, FACS, *Tucson, AZ*

How Surgeons Face Ethical Conflicts: A Qualitative Analysis
Alberto R. Ferreres, MD, PhD, JD, MPH, FACS(Hon); Pablo J. Miguel, MD; Rosana J. Trapani, MD; Julieta J. Camelione, MD; Leandro Cardozo; Paula Curvale; Marcelo J. Fasano. Hospital Bocalandro, Buenos Aires, Argentina

DISCUSSANT: Daniel E. Hall, MD, MDiv, MHSc, FACS, *Pittsburgh, PA*

Training Surgical Residents to use a Framework to Promote Shared Decision Making for Patients with Poor Baseline Prognosis Experiencing Surgical Emergencies
Tyler R. Chesney, MD; Margaret L. Schwarze, MD, FACS; Lauren J. Taylor, MD; Toby C. Campbell, MD; Karen Devon, MD. University of Toronto, Toronto, ON, University of Wisconsin, Madison

DISCUSSANT: Janey S.A. Pratt, MD, FACS, *Boston, MA*

Financial Conflicts of Interest in Plastic Surgery: Are They All Created Equal?
Joseph Lopez, MD, MBA; Ilona C. Juan; Adela Wu; Georges J. Samaha, MD; Brian Cho, MD; Ashwin Soni, MD; Jacqueline Milton, PhD; James W. May, Jr., MD; Anthony P. Tufaro, MD, FACS; Amir H. Dorafshar, MB, ChB, FACS. Johns Hopkins Hospital, Baltimore, MD, University of Washington Medical Center, Seattle, WA, Massachusetts General Hospital, Boston, MA

DISCUSSANT: Moderator(s)

Informed Consent in Patients with Thyroid Cancer: One of the Keys to Improving Quality of Life
Megan Applewhite, MD; Michael A. White, MD; Frederic Mercier, MD; Edwin L. Kaplan, MD, FACS; Briseis Aschebrook-Kilfoy, PhD; Raymon H. Grogan, MD, FACS; Peter Angelos, MD, PhD, FACS. University of Chicago, IL

DISCUSSANT: Karen L. Kwong, MD, FACS, *Portland, OR*

A Comparison of Self-Reported Conflict of Interest Among Published Hernia Researchers to the Centers of Medicare and Medicaid Services Open Payments Database
Oscar Olavarria, MD; Julie L. Holihan, MD; Juan R. Flores-Gonzalez, MD; Lillian S. Kao, MD, FACS; Tien C. Ko, MD, FACS; Mike K. Liang, MD, FACS. University of Texas Health Science Center at Houston, TX

DISCUSSANT: Tricia A. Moo-Young, MD, *Glenview, IL*

What Patients Look for When Browsing Online for Pancreatic Cancer: The Bait Behind the Byte
Alessandra Storino, MD; Camila R. Guetter; Manuel Castillo-Angeles, MD; Ammara A. Watkins, MD; Joseph D. Mancias, MD, PhD; Andrea J. Bullock, MD, MPH; A. James Moser, MD, FACS; Tara S. Kent, MD, FACS. Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA

DISCUSSANT: Michael A. Choti, MD, FACS, *Baltimore, MD*

Who Goes Home after Palliation? Use of Venting Percutaneous Endoscopic Gastrostomy in Malignant Bowel Obstruction
Christy E. Cauley, MD; Elizabeth J. Lilley, MD, MPH; Joel Weissman, PhD; Angela M. Bader, MD, MPH; David L. Hepner, MD, MPH; Alex B. Haynes, MD, MPH; Zara Cooper, MD, FACS. Massachusetts General Hospital, Brigham and Women's Hospital, Center for Surgery and Public Health, Boston

DISCUSSANT: Moderator(s)

Taking Over Somebody's Life: Experiences of Surrogate Decision Makers in the Surgical Intensive Care Unit
Elizabeth J. Lilley, MD, MPH; Megan A. Morris, PhD, MPH; Jamahal MH Luxford, MD; Navin R. Changoor, MD; Anna E. Bystricky; Brittany L. Smalls, PhD, MHSA; Joel Weissman, PhD; Angela M. Bader, MD, MPH; Zara Cooper, MD, FACS. The Center for Surgery and Public Health, Brigham and Women's Hospital, Boston, MA

DISCUSSANT: Ana Berlin, MD, MPH, *Newark, NJ*

SF12 | 8:00-11:15 am
Quality, Safety, and Outcomes II

LOCATION: 143BC

TRACK: HP

MODERATORS:
Karl Y. Bilimoria, MD, FACS, *Chicago, IL*
Amit K. Mathur, MD, *Phoenix, AZ*

Trends in Readmission Following Inpatient Surgery
Winta Mehtsun; Irene Papanicolas, PhD; Keith D. Lillemoe, MD, FACS; Ashish K. Jha. Harvard T. H. Chan School of Public Health, Massachusetts General Hospital, Boston, MA

DISCUSSANT: Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*

Maternity Leave Is Associated with Greater Financial Pressure and Career Dissatisfaction Among Female Physicians in Procedural Specialties
Rebecca Scully, MD; Jennifer S. Davids, MD; Nelya Melnitchouk, MD. Brigham and Women's Hospital, Boston, MA, University of Massachusetts Medical School, Worcester

DISCUSSANT: Amalia L. Cochran, MD, FACS, *Salt Lake City, UT*

Unplanned Hospital Admissions after Same-Day Surgery
Tasce Bongiovanni, MD; Joseph Ross, MD; Harlan M. Krumholz, MD; Isuru Ranasinghe, MB, ChB, PhD; Zhenqiu Lin, PhD. Yale University School of Medicine, New Haven, CT, University of California, San Francisco

DISCUSSANT: Adil H. Haider, MD, MPH, FACS, *Boston, MA*

Postoperative Complications and Hospital Payment: Implications for Achieving Value
Julia R. Berian, MD; Jason B. Liu, MD; Shenglin Chen, PhD; Mark E. Cohen, PhD; Karl Y. Bilimoria, MD; Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS. American College of Surgeons, University of Chicago, IL, University of California, Los Angeles

DISCUSSANT: Amir A. Ghaferi, MD, FACS, *Ann Arbor, MI*

Variation in Private Payor Payments to Cancer Surgeons
Tasce Bongiovanni, MD; Simon P. Kim; Cary P. Gross; Anthony W. Kim, MD, FACS; Brigid K. Killelea, MD, FACS. Yale University School of Medicine, New Haven, CT, University of California, San Francisco

DISCUSSANT: Elizabeth B. Habermann PhD, MPH, *Rochester, MN*

Variation in the Provision of Ambulatory Surgery Services in Los Angeles County
Sean M. O'Neill, MD; Stanley K. Frencher, MD; Melinda A. Maggard Gibbons, MD, FACS. Martin Luther King Community Hospital, University of California, Los Angeles

DISCUSSANT: Anthony Dong Eun Yang, MD, FACS, *Chicago, IL*

Modified Frailty Index is Associated with 30-Day Surgical Readmissions
Tyler S. Wahl, MD; Laura A. Graham, MPH; Joshua Richman, MD, PhD; Melanie S. Morris, MD; Robert H. Hollis, MD; Caroline E. Jones, MD; Laurel A. Copeland, PhD; Kamal M. Itani, MD; Edith A. Burns, MD; Mary T. Hawn, MD, FACS. Birmingham Veterans Affairs Medical Center, AL

DISCUSSANT: Jonah J. Stulberg, MD, *Cleveland, OH*

Identifying Quality Markers of a Safe Surgical Ward: An Interview Study of Patients, Clinical Staff, and Administrators
Yasmin AM Hassen, MB, BS; Pritam Singh MB, BS, PhD; Philip H. Pucher, MD; Maximilian J. Johnston, MB, BCh, PhD; Ara W. Darzi, MB, BCh, FACS(Hon). Imperial College, London, UK

DISCUSSANT: Elliott R. Haut, MD, PhD, FACS, *Baltimore, MD*

Variation with Structures of Care among Hospitals Performing Colorectal Cancer Surgery in Ontario
Caitlin C. Chrystoja, MD; Joshua K. Ramjist, MD; Nancy N. Baxter, MD, FACS; Marko Simunovic, MD; Rinku Sutradhar, PhD; Lisa Lix, PhD; David R. Urbach, MD, FACS. University of Toronto, Institute for Clinical Evaluative Sciences, University Health Network, ON

DISCUSSANT: Robert R. Cima, MD, FACS, FASCRS, *Rochester, MN*

Cross-Sectional Trends of Common Surgical Procedures at Children's and Non-Children's Hospitals Between 2000-2012
Samir Sarda; Heather L. Short, MD; Jason M. Hockenberry, PhD; Ian McCarthy, PhD; Mehul V. Raval, MD. Emory University School of Medicine, Atlanta, GA

DISCUSSANT: Eugene S. Kim, MD, FACS, *Los Angeles, CA*

Regional Variation in Rates of Pediatric Perforated Appendicitis
Samir Sarda; Heather L. Short, MD; Jason M. Hockenberry, PhD; Ian McCarthy, PhD; Mehul V. Raval, MD. Emory University School of Medicine, Atlanta, GA

DISCUSSANT: Julia E. Grabowskic, MD, *San Diego, CA*

Increases in Immediate Post-Mastectomy Reconstruction in New York State Are Related to Changes in State Law
Jessica C. Gooch, MD; Jie Yang, PhD; Jihye Park; Dana A. Telem, MD, FACS; Sami U. Khan, MD; Brian O'Hea, MD. Stony Brook University Medical Center, Stony Brook, NY

DISCUSSANT: Brigid K. Killelea, MD, FACS, *New Haven, CT*

SF13 | 8:00-11:15 am
Thoracic Surgery

LOCATION: 152A

TRACK: CTS

MODERATOR: Michael T. Jaklitsch, MD, FACS, *Boston, MA*
CO-MODERATOR: Subroto Paul, MD, MPH, *Livingston, NJ*

Effects of Implementation of Lung Cancer Screening at a Veterans' Affairs Medical Center
Maria F. Bates, MD; Matthew D. Jankowich, MD; Sharon I. Rounds, MD; Brian A. Kimble, MD; Thomas T. Ng, MD, FACS; Linda L. Nici, MD; Ikenna C. Okereke, MD, FACS. University of Texas Medical Branch Galveston, TX, Warren Alpert Medical School of Brown University, Providence Veterans Administration Medical Center, Providence, RI

DISCUSSANT: Moderator(s)

Minimally Invasive Esophagectomy for Esophageal Cancer: Predictors of Use and Outcomes in the National Cancer Database (NCDB)
Craig S. Brown; Natalie R. Gwilliam, MD; Brittany Lapin, MPH; Waseem Lufti; Alexandra Kyrillos; Ki Wan Kim, MD; John A. Howington, MD, FACS; Seth B. Krantz, MD; Mark S. Talamonti, MD, FACS; Michael Ujiki, MD, FACS. NorthShore University Health System, Evanston, University of Chicago, IL

DISCUSSANT: Moderator(s)

Intraoperative Molecular Imaging Enhances the Surgeon's Ability to Identify Residual Disease during Esophageal Cancer Surgery
Jarrod Predina, MD; Jane Keating, MD; Ollin Venegas; Sarah Nims; Sunil Singhal, MD, FACS. Unversity of Pennsylvania School of Medicine, Philadelphia

DISCUSSANT: Moderator(s)

Predictors of Pathological Upstaging in Early Esophageal Cancer Patients: Results from the National Cancer Database (NCDB)
Craig S. Brown; Natalie R. Gwilliam, MD; Alexandra Kyrillos; Waseem Lufti; Brittany Lapin, MPH; Ki Wan Kim, MD; Seth B. Krantz, MD; John A. Howington, MD, FACS; Katherine Yao, MD, FACS; Michael Ujiki, MD, FACS. NorthShore University Health System, Evanston, University of Chicago Pritzker School of Medicine, IL

DISCUSSANT: Moderator(s)

Patient Age Significantly Influences Post-Esophagectomy Inpatient Mortality, Length of Stay, Hospital Charges, and Discharge Disposition Charges, and Discharge Disposition
Esther Cha, MD; Gregory B. Burgoyne, MD, FACS; Richard F. Heitmiller II, MD, FACS. Medstar Union Memorial Hospital, Baltimore, MD

DISCUSSANT: Moderator(s)

Perioperative Factors Associated with Prolonged Air Leaks after Robotic-Assisted Thoracoscopic Pulmonary Lobectomy
Raj A. Patel; Frank O. Velez-Cubian, MD; Emily Ng; Carla C. Moodie; Joseph R. Garrett, MPH; Jacques P. Fontaine, MD; Eric M. Toloza, MD, PhD. University of South Florida - Morsani College of Medicine Tampa, FL, Moffitt Cancer Center, Tampa

DISCUSSANT: Moderator(s)

Outcomes of Surgery, Neoadjuvant Chemoradiation, or Definitive Chemoradiation for T2N0M0 Esophageal Adenocarcinomas from the National Cancer Database
Kenneth L. Meredith, MD, FACS; Ravi Shridhar, MD; Jami Huston; Anjan J. Patel, MD; Steve Kucera, MD; Richard Brown, MD; Justin S. Lee, MD. Florida State University/ Sarasota Memorial, Sarasota, FL, University of Central Florida, Orlando, Florida Cancer Specialists, Sarasota

DISCUSSANT: Moderator(s)

Pre-Existing Comorbidity Status is a More Robust Predictor of Postoperative Complication Risk Than Advanced Age in Patients Undergoing Esophagectomy
Uma Sachdeva, MD, PhD; Zhi Ven Fong, MD; Cameron D. Wright, MD; John C. Wain, MD, FACS; Michael Lanuti, MD, FACS; Henning A. Gaissert, MD, FACS; Ashok Muniappan, MD; David C. Chang, PhD, MPH, MBA; Douglas J. Mathisen, MD, FACS; Christopher R. Morse, MD, FACS. Massachusetts General Hospital Boston, MA

DISCUSSANT: Moderator(s)

SF14 | 8:00-11:15 am
Trauma I/Clinical Trauma

LOCATION: 144

TRACK: TRA

MODERATORS:
Bryce R.H. Robinson, MD, FACS, *Seattle, WA*
Samual R. Todd, MD, FACS, FCCM, *Houston, TX*

The Mortality Ascent: Risk of Death for Hemodynamically Unstable Trauma Patients at Level II vs. Level I Trauma Centers Rises at Four Hours and Peaks at Seven Hours after Admission
Juan P. Herrera-Escobar, MD; Arturo J. Rios-Diaz, MD; Ritam Chowdhury, MB, BS, MPH, PhD; Cheryl K. Zogg; Lindsey Wolf, MD; Olubode A. Olufajo, MD, MPH; Eric B. Schneider, PhD; Carlos A. Ordonez, MD; Zara Cooper, MD, FACS; Adil H. Haider, MD, MPH, FACS. Brigham and Women`s Hospital, Boston, MA

DISCUSSANT: Soumitra R. Eachempati, MD, FACS, *New York, NY*

The Burden of Pediatric Traumatic Brain Injury Beyond the Emergency Department: The Untold Story of the Silent Epidemic
Cheryl K. Zogg; R. Sterling Haring, MPH; Joseph K. Canner; Hatim A. Alsulaim, MD, MPH; Rebecca Scully, MD; Lindsey Wolf, MD; Lilly D. Engineer, DrPH, MD; Adil H. Haider, MD, MPH, FACS; Eric B. Schneider, PhD. Center for Surgery and Public Health, Boston, MA; National Center for Injury Prevention and Control, Atlanta GA; Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

DISCUSSANT: Charles S. Cox, MD, FACS, *Houston, TX*

Resuscitative Endovascular Balloon Occlusion of the Aorta Can Be Deployed Rapidly and Safely by Acute Care Surgeons
David A. Hampton, MD; William A. Teeter, MD; George M. Hagegeorge; Melanie Hoehn, MD; Deborah Stein, MD, MPH; Thomas M. Scalea, MD, FACS; Megan L. Brenner, MD, FACS. University of Maryland Shock Trauma Center, Baltimore, MD

DISCUSSANT: Michael D. Goodman, MD, FACS, *Cincinnati, OH*

Impact of Circle of Willis Anatomy in Blunt Cerebrovascular Injury-Related Stroke
Charles P. Shahan, MD; Timothy C. Fabian, MD, FACS; Richard I. Gray, MD, MBA; Martin A. Croce, MD, FACS. University of Tennessee Health Science Center, Memphis, TN

DISCUSSANT: Rachael A. Callcut, MD, MSPH, *San Francisco, CA*

Computer Tomography (CT) Measured PSOAS Density Predicts Complications, Discharge Location, and Mortality in Trauma Patients
Taehwan Yoo, MD; Wilson Lo; David C. Evans, MD, FACS. Ohio State University, Columbus, OH

DISCUSSANT: Bellal Joseph, MD, FACS, *Tucson, AZ*

Incorporation of Patient-Centered Outcomes into Current Trauma Registries: A First Attempt
Arturo J. Rios-Diaz, MD; Juan P. Herrera-Escobar, MD; Elizabeth J. Lilley, MD, MPH; David Metcalfe; Olubode A. Olufajo, MD, MPH; Karen J. Brasel, MD, FACS; Lisa M. Kodadek, MD; Belinda J. Gabbe, PhD; Ali Salim, MD, FACS; Adil H. Haider, MD, MPH, FACS. Brigham and Women's Hospital, Harvard Medical School, Boston, MA

DISCUSSANT: James W. Suliburk, MD, FACS, *Houston, TX*

Do Core Competency Trauma Surgical Procedural Skills Degrade with Time since Training?
Colin F. Mackenzie, MD; Mark W. Bowyer, MD, FACS; Sharon M. Henry, MD, FACS; Samuel A. Tisherman, MD, FACS; Hegang Chen, PhD; Nyaradzo Longinaker; Adam C. Puche, PhD; Kristy Pugh; Alexys L. Monoson; Stacy A. Shackelford, MD, FACS. University of Maryland, Baltimore, MD, Uniformed Services University of the Health Sciences, Bethesda, MD, University of Arizona, Phoenix, AZ

DISCUSSANT: Chad T. Wilson, MD, FACS, *New York, NY*

Paradigm Shift in Hemorrhagic Traumatic Arrest: Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) is at Least as Effective as Resuscitative Thoracotomy with Aortic Cross-Clamping (RTACC)
William A. Teeter, MD; Anna Romagnoli, MD; Hsiao-Chi Li, PhDc; Shiming Yang, PhD; Peter F. Hu, PhD; Deborah Stein, MD, MPH; Thomas M. Scalea, MD, FACS; Megan L. Brenner, MD, FACS. RA Cowley Shock Trauma Center/University of Maryland, Baltimore, MD

DISCUSSANT: Nicole A. Stassen, MD, FACS, *Rochester, NY*

The Crosstalk of Osteoporosis and Sarcopenia in Geriatric Blunt Trauma
Mahdi Malekpour, MD; Kathryn Jaap, MD; James T. Dove; Kelly Bridgham; Ryan Erwin; Joseph A. Blansfield, MD, FACS; Kenneth A. Widom, MD, FACS; Mohsen Shabahang, MD, FACS; Denise M. Torres, MD, FACS; Jeffrey L. Wild, MD, FACS. Geisinger Medical Center, Danville, PA

DISCUSSANT: Christine S. Cocanour, MD, FACS, *Sacramento, CA*

Computed Tomography Measured Waist to Hip Ratio: A Reliable Predictor of Outcomes after Trauma
Tahereh O. Jokar, MD; Peter M. Rhee, MD, MPH, FACS, FCCM; Kareem Ibraheem, MD; Terence O'Keeffe, MB, ChB, FACS; Emerald Raney, MD; Lynn M. Gries, MD; Narong Kulvatunyou, MD, FACS; Andrew L. Tang, MD, FACS; Jack Hannallah, MD; Bellal Joseph, MD, FACS. University of Arizona, Tucson

DISCUSSANT: Saman Arbabi, MD, MPH, FACS, *Seattle, WA*

Venovenous Bypass in the Treatment of Severe Hepatic Injuries: Clinically Significant Mortality Benefit Demonstrated in a Small Series
Erin C. Hall, MD, MPH; Jay Menaker, MD; Deborah Stein, MD, MPH; Thomas M. Scalea, MD, FACS. R. Adams Cowley Shock Trauma Center, Baltimore, MD

DISCUSSANT: Moderator(s)

Whose Benchmark Is Right? Validating Venous Thromboembolism Events Between Trauma Registries and Hospital Administrative Databases
Niels D. Martin, MD, FACS; Grigor Abelian; Brian P. Smith, MD; Patrick K. Kim, MD, FACS; Mark J. Seamon, MD, FACS; Patrick M. Reilly, MD, FACS; Sean Hennessy, PhD; Todd A. Miano. University of Pennsylvania, Philadelphia, PA

DISCUSSANT: Moderator(s)

SF15 | 9:45-11:15 am
Colon and Rectal Surgery I

LOCATION: Ballroom A

TRACK: CRS
MODERATOR: Patricia Sylla, MD, FACS, FACRS, *New York, NY*
CO-MODERATOR: Elise H. Lawson, MD, MSHS, *Los Angeles, CA*

Redo Ileal Pouch Anal Anastomosis after a Failed Pouch in Patients with Crohn's Disease: Is it Worth Trying?
Olga Lavryk, MD; Feza H. Remzi, MD, FACS, FASCRS, FTSS(Hon); Erman Aytac; Jean H. Ashburn; David W. Dietz, MD, FACS; James M. Church, MD, FACS. Cleveland Clinic, OH

DISCUSSANT: Alexander J. Greenstein, MD, MPH, FACS, *New York, NY*

Hospital Variation in Perioperative Complications with Minimally Invasive Colectomy: Results from 63 Hospitals in Michigan
Mark A. Healy, MD; Pasithorn A. Suwanabol, MD; Joseph Papin; Oliver A. Varban, MD; Justin B. Dimick, MD, MPH, FACS; Darrell A. Campbell, Jr., MD; Arden M. Morris, MD, MPH; Samantha Hendren, MD, MPH; Scott E. Regenbogen, MD, FACS; John C. Byrn, MD, FACS. University of Michigan, Ann Arbor

DISCUSSANT: Deborah S. Keller, MD, *Houston, TX*

Local Excision for Stage I Rectal Cancer Then and Now–Better Patient Selection, Better Surgical Technique, Better Oncologic Outcomes
Leonardo C. Duraes, MD, PhD; Feza H. Remzi, MD, FACS, FASCRS, FTSS(Hon); Luca Stocchi, MD, FACS; Hae Ran Yun, MD; Emre Gorgun, MD, FACS; Meagan M. Costedio, MD; David W. Dietz, MD, FACS; James M. Church, MD, FACS. Cleveland Clinic Foundation, OH

DISCUSSANT: Hiroko Kunitake, MD, *Lincoln, MA*

The Impact of Anti-TNFα Therapy on Postoperative Outcomes in the Surgical Management of Crohn's Disease
Afif N. Kulaylat, MD; Audrey S. Kulaylat, MD; Eric W. Schaefer; Andrew Tinsley, MD; Emmanuelle D. Williams, MD; Walter A. Koltun, MD, FACS, FASCRS; Christopher S. Hollenbeak, PhD; Evangelos Messaris, MD, PhD, FACS, FASCRS. Penn State Hershey Medical Center, Hershey, PA

DISCUSSANT: Angela K. Moss, MD, *Boston, MA*

Education Program for Prevention of Ileostomy Complications: A Randomized Trial
Mary R. Kwaan, MD, MPH, FACS; Sarah W. Grahn, MD, FACS; Ann C. Lowry, MD, FACS; Marc C. Osborne, MD; Genevieve B. Melton, MD, PhD, FACS; Wolfgang B. Gaertner, MD; Sarah A. Vogler, MD, MBA; Robert D. Madoff, MD, FACS. University of Minnesota, Minneapolis, Colon and Rectal Surgery Associates, Ltd, St. Paul

DISCUSSANT: Ian M. Paquette, MD, FACS, *Cincinnati, OH*

A Randomized Double-Blind Placebo-Controlled Trial of a Multi-Strain Probiotic in Treatment of Chronic Symptoms in Diverticular Disease
Charlotte L. Kvasnovsky, MD, MPH; Ingvar Bjarnason, MD; Ana Nora Donaldson, PhD; Roy Sherwood, PhD; Savvas Papagrigoriadis, MD, FRCS. King's College Hospital, London, UK, University of Maryland Medical Center Baltimore, MD

DISCUSSANT: Traci L. Hedrick, MD, FACS, FACRS, *Charlottesville, VA*

SF16 | 9:45-11:15 am
Orthopaedic Surgery

LOCATION: 204BC

TRACK: ORT
MODERATOR: Herbert S. Schwartz, MD, FACS, *Nashville, TN*

Limb-Sparing Resection for Tumors Involving the Distal Humerus and Reconstruction with a Modular Endoprosthesis
Joel R. Peterson; Alexander P. Decilveo; Ivan Golub; James C. Wittig, MD. Hackensack University Medical Center, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ

DISCUSSANT: Moderator(s)

Reconstruction Using Expandable Endoprostheses for Skeletally Immature Sarcoma Patients
Alexander P. Decilveo; Bartlomiej W. Szczech, MD; Ivan Golub; James C. Wittig, MD. Hackensack University Medical Center, St. Joseph's Hospital Medical Center, Paterson, NJ

DISCUSSANT: Moderator(s)

Lightfix: A Prospective, Multicenter Study of the Photodynamic Bone Stabilization System for the Treatment of Impending and Actual Pathological Fractures from Metastatic Bone Disease in the Humerus
Ivan Golub; Alexander P. Decilveo; Jacob Topfer; Ian T. O'Connor; Joel R. Peterson; James C. Wittig, MD. Hackensack University Medical Center, NJ

DISCUSSANT: Moderator(s)

Predictors of Amputation Rates in Open Tibia Fractures
Lily R. Mundy, MD; Mark J. Gage, MD; Scott T. Hollenbeck, MD, FACS. Duke University, Durham, NC, New York University, Hospital for Joint Diseases, New York

DISCUSSANT: Moderator(s)

Long-Term Update on Constrained "Rotator Cuff Substituting" Total Scapula Prosthesis for Shoulder Girdle Tumors
Drew E. Murray; Brett Hayden, MD; Alexander P. Decilveo; Ivan Golub; Jacob Topfer; Ian T. O'Connor; James C. Wittig, MD. Hackensack University Medical Center, Tufts Medical Center, Medford, MA

DISCUSSANT: Moderator(s)

SF17 | 12:45-2:15 pm
Urology II

LOCATION: 152B

TRACK: URO
MODERATORS:
Tracy M. Downs, MD, FACS, *Madison, WI*
Joshua A. Broghammer, MD, FACS, *Kansas City, KS*

Anterior Urethral Stricture following Laser and Electrocautery Transurethral Prostatic Surgery
Amar Raval, MD; Ali Syed, MD; Benjamin B. Scott; Perry R. Weiner; Akhil Das, MD; Bradley D. Figler, MD. Thomas Jefferson University Hospital, Philadelphia, PA

DISCUSSANT: Moderator(s)

Preliminary In-Vitro Comparison of Fixed and Variable Pulse Laser: Evidence for Decreased Retropulsion and Shortened Fragmentation Time
John R. Bell, MD; Kristina L. Penniston, PhD; Sara L. Best, MD; Stephen Y. Nakada, MD, FACS. University of Wisconsin at Madison

DISCUSSANT: Moderator(s)

Suprapubic Catheter Placement in Lower Genitourinary Tract Injury: Friend or Foe?
Ahmed Hassan, MD; Peter M. Rhee, MD, MPH, FACS, FCCM; Ansab Haider, MD; Tahereh O. Jokar, MD; Narong Kulvatunyou, MD, FACS; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MB, ChB, FACS; Gary A. Vercruysse, MD, FACS; Lynn M. Gries, MD; Bellal Joseph, MD, FACS. The University of Arizona, Tucson

DISCUSSANT: Moderator(s)

Peruretheral Catheterisation Over a Guidewire in the Cases of Acute Urinary Retention Due to Uretheral Strictures and Uretheral Trauma: Can Suprapubic Catheterization Be Avoided?: A Prospective Study
Kumar Jayant, MB, BS; Sandeep Kumar; Santosh Kumar; Shrawan Kumar Singh. Postgaduate Institute of Medical Education and Research, Chandigarh, India

DISCUSSANT: Moderator(s)

Surgical Equipment Cost Awareness Among Urological Surgeons
Joshua P. Langston, MD; Matthew Macey, MD; Troy Sukhu, MD; Jason Lomboy, MD; Allison Deal; E. Will Kirby, MD; Davis P. Viprakasit, MD, FACS; Matthew Nielsen, MD, FACS; Raj S. Pruthi, MD, FACS; Angela B. Smith, MD, FACS. University of North Carolina, Chapel Hill

DISCUSSANT: Moderator(s)

SF18 | 12:45-4:00 pm
Bariatric/Foregut II

LOCATION: 201

TRACKS: BTR, GEN

MODERATORS:
Kyle A. Perry, MD, FACS, *Columbus, OH*
Jayleen M. Grams, MD, PhD, FACS, *Birmingham, AL*

Predicting Progression in Barrett's Esophagus—Development and Validation of the Barrett's Esophagus Assessment of Risk Score (BEAR Score)
Craig S. Brown; Brittany Lapin, MPH; Jay L. Goldstein, MD; John G. Linn, MD; Joann M. Carbray; Mark S. Talamonti, MD, FACS; Michael Ujiki, MD, FACS. NorthShore University Health System, Evanston, University of Chicago, IL

DISCUSSANT: John G. Hunter, MD, FACS, *Portland, OR*

Cost Effectiveness of Peroral Endoscopic Myotomy Relative to Laparoscopic Heller Myotomy for the Treatment of Achalasia
Erin K. Greenleaf, MD; Joshua S. Winder, MD; Christopher S. Hollenbeak, PhD; Randy S. Haluck, MD, FACS; Abraham Mathew, MD; Eric M. Pauli, MD. Penn State Hershey Medical Center Hershey

DISCUSSANT: Eric S. Hungness, MD, FACS, *Chicago, IL*

Intra-Hepatic Fat, Not Obesity, Is a Main Driver of the Metabolic Syndrome in Obese Patients and Is Significantly Reduced by Weight Loss Surgery
Jad Khoraki, MD; Curtis N. Wiens, PhD; Alan B. McMillan, PhD; Nathan S. Artz, PhD; William Haufe; Camilo A. Campo; Alexandria Schlein, MD; Claude B. Sirlin, MD; Scott B. Reeder, MD, PhD; Guilherme M. Campos, MD, FACS. University of Wisconsin, Madison; Virginia Commonwealth University, Richmond; University of California, San Diego

DISCUSSANT: Alfonso Torquati, MD, FACS, *Chicago, IL*

Rate of Reintervention Following Heller Myotomy: A 15-Year Follow-Up of 924 Patients in the State of New York
Maria S. Altieri, MD; Jie Yang, PhD; Andrew Bates, MD; Chanak J. Chantachote, MD; Taher M. Gulamhusein, MD; Aurora D. Pryor, MD, FACS; Mark A. Talamini, MD, FACS; Dana A. Telem, MD, FACS. Stony Brook University Hospital, NY

DISCUSSANT: Michael Ujiki, MD, FACS, *Evanston, IL*

Propensity Matched Analysis of Robotic and Laparoscopic Gastric Bypass Safety
Adam C. Celio, MD; Kevin R. Kasten, MD; Andrea Schwoerer, MD; Rodney L. Guyton, MD; Walter J. Pories, MD, FACS; Konstantinos Spaniolas, MD. East Carolina University, Greenville, NC

DISCUSSANT: Dana A. Telem, MD, FACS, *Ann Arbor, MI*

High PDL1 Expression with Low T Cell Infiltration Densities Predict for Poor Survival in Gastric Cancer Patients
Jun Liang Teh, MD; Zul Fazreen; Bernadette R. Asuncion; Jimmy By So; Richie Soong. National University Health System, Cancer Science Institute of Singapore City

DISCUSSANT: Brian D. Badgwell, MD, FACS, *Houston, TX*

Elipse Procedureless Gastric Balloon for Weight Loss: Safety and Efficacy Outcomes
Andreas Giannakou, MD; Ioannis Kandiliotis, MD; Kathryn Stecco, MD; Menelaos Kalogeris, MD; Samuel Levy, MD; Shantanu Gaur, MD; Ram Chuttani, MD; Ioannis Raftopoulos, MD. Iatriko Medical Center Athens, Greece; Holyoke Medical Center, Holyoke, MA; Allurion Technologies, Wellesley, MA

DISCUSSANT: Aurora D. Pryor, MD, FACS, *Stony Brook, NY*

Long-Term Results After Laparoscopic Adjustable Gastric Banding for Morbid Obesity: 18 Years Follow-Up in a Single University Unit
Dorian Verscheure, MD; Konstantions Arapis; Pasquale Tammaro; Lara Ribeiro Parenti; Anne-Laure Pelletier; Denis Chosidow, MD; Jean-Pierre Marmuse. Hopital Bichat-Claude-Bernard, Paris, France

DISCUSSANT: Eric G. Sheu, MD, DPhil, *Boston, MA*

Utilization of Reconstructive Procedures Following Weight Loss Surgery: A Study of 37,806 Patients
Maria S. Altieri, MD; Jie Yang, PhD; Tara L. Huston, MD, FACS; Andrew Bates, MD; Lijuan Kang; Dana A. Telem, MD, FACS; Mark A. Talamini, MD, FACS; Aurora D. Pryor, MD, FACS. Stony Brook University Hospital, NY

DISCUSSANT: Peter Nau, MD, *Iowa City, IL*

Roux-en-Y Gastric Bypass Hypoglycemia Resolves with Gastric Feeding or Reversal: Confirmation of a Non-Pancreatic Mechanism
Jad Khoraki, MD; Dawn B. Davis, MD, PhD; Sirinart Sirinvaravong, MD; Jeeyoung Han, MD; Guilherme M. Campos, MD, FACS. Virginia Commonwealth University, Richmond, University of Wisconsin, Madison

DISCUSSANT: John M. Morton, MD, MPH, FACS, FASMBS, *Stanford, CA*

Reoperation After Laparoscopic Gastric Band Surgery Among Medicare Beneficiaries
Andrew M. Ibrahim, MD; Jyothi R. Thumma, MPH; Justin B. Dimick, MD, MPH, FACS. University of Michigan, Ann Arbor

DISCUSSANT: Kenric M.Murayama, MD, FACS, *Abington, PA*

Clinical Outcome after Laparoscopic Nissen Fundoplication in Proton Pump Inhibitor (PPI) Non-Responders
Katrin Schwameis, MD; Daniel S. Oh, MD; Kyle M. Green; Jamil Samaan; Jeanney Kang; Robert Hashemzadeh-Gargari; John C. Lipham, MD; Jeffrey A. Hagen, MD; Steven R. DeMeester, MD, FACS. University of Southern California, Los Angeles

DISCUSSANT: W. Scott Melvin, MD, FACS, *Bronx, NY*

SF19 | 12:45-4:00 pm
Geriatric Surgery and Palliative Care

LOCATION: 146A

TRACK: GER

MODERATORS:
Jason M. Johanning, MD, FACS, *Omaha, NE*
Michael J. Englesbe, MD, FACS, *Ann Arbor, MI*

Association Between Treatment and End-of-Life Outcomes After Hospitalization for Bowel Obstruction among Older Cancer Patients: A Retrospective Cohort Study Using a National Population-Based Registry
Elizabeth J. Lilley, MD, MPH; Christy E. Cauley, MD; Joel E. Goldberg, MD, MPH; Navin R. Changoor, MD; John W. Scott, MD, MPH; Brittany L. Smalls, PhD, MHSA; Joel Weissman, PhD; David L. Hepner, MD, MPH; Angela M. Bader, MD, MPH; Zara Cooper, MD, FACS, FACS. Center for Surgery and Public Health, Boston, MA, Brigham and Women's Hospital, Boston, MA, Rutgers, Robert Wood Johnson Medical School, New Brunswick, NJ

DISCUSSANT: Moderator(s)

Outcomes Following Cholecystectomy in Octa- and Nona-Genarians
Shawna M. Kettyle, MD; Sameer Desale; Jack Sava, MD, FACS. MedStar Washington Hospital Center, DC

DISCUSSANT: Moderator(s)

Effect of Pre-Admission Beta-Blocker Use on Outcomes in a National Sample of Elderly Americans Admitted with Traumatic Brain Injury
Courtney Collins, MD; Julie M. Flahive; Fred A. Anderson, Jr., PhD; Heena P. Santry, MD, FACS. University of Massachusetts Medical School, Worcester, MA

DISCUSSANT: Moderator(s)

One-Year Mortality following Elective Colectomy for Benign Disease: Not a Benign Outcome
Zhaomin Xu, MD; Geoffrey C. Williams, MD, PhD; Christopher T. Aquina, MD; Adan Z. Becerra; Bradley J. Hensley, MD, MBA; Reza Arsalani-Zadeh, MD; Katia Noyes, PhD, MPH; John R. Monson, MD, MB, BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester, NY

DISCUSSANT: Moderator(s)

Predictors of Hospice Enrollment After Hospital Discharge Among Older Medicare Beneficiaries Admitted With Moderate and Severe Traumatic Injuries
Elizabeth J. Lilley, MD, MPH; Olubode A. Olufajo, MD, MPH; Brittany L. Smalls, PhD, MHSA; Wei Jiang; Joel Weissman, PhD; Adil H. Haider, MD, MPH, FACS; Angela M. Bader, MD, MPH; Zara Cooper, MD, FACS. The Center for Surgery and Public Health, Boston, MA, Brigham and Women's Hospital, Boston, MA

DISCUSSANT: Moderator(s)

Polypharmacy-Comorbidity Score Is an Independent Predictor of Hospital Mortality and Readmissions for Medical-Surgical Patients Across All Age Groups
Julia C. Tolentino, MD; Riley Harris; Amanda Mazza; Daniel F. Foltz; Jill C. Stoltzfus, PhD; Peter Deringer; Donna M. Sabol; Joseph V. Sakran, MD, MPH, MPA, FACS; Thomas J. Papadimos, MD, MPH; Stanislaw P. Stawicki, MD, MBA, FACS. St. Luke's University Health Network, Bethlehem, PA

DISCUSSANT: Moderator(s)

Suspension of Do-Not-Resuscitate Orders and Mortality Following Perioperative Arrest
Yuanting Zha; Michael E. Zenilman, MD, FACS; Christian Jones, MD, FACS. Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, University of California, Irvine, School of Medicine

DISCUSSANT: Moderator(s)

Laparoscopic Compared With Open Pancreaticoduodenectomy Is Safe and Effective in the Elderly
Brandon C. Chapman, MD; Csaba Gajdos, MD, FACS; Patrick Hosokawa; William G. Henderson, MPH, PhD; Alessandro Paniccia, MD; Douglas M. Overbey, MD; Ana Gleisner, MD, PhD; Martin D. McCarter, MD, FACS; Richard D. Schulick, MD, MBA, FACS; Barish H. Edil, MD, FACS. University of Colorado School of Medicine, Aurora, CO

DISCUSSANT: Moderator(s)

Age and Comorbidities Affect Early Mortality in Seemingly Stable Patients After Trauma
Desmond Khor, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Jayun Cho, MD; Subarna Biswas, MD; Kenji Inaba, MD, FACS, FRCSC; Demetrios Demetriades, MD, PhD, FACS. Los Angeles County+University of Southern California Medical, Los Angeles, CA

DISCUSSANT: Moderator(s)

Prognostication of Traumatic Brain Injury Outcomes in Older Trauma Patients: A Novel Risk-Assessment Tool Based on Initial Cranial Computed Tomography Findings
Ronnie Mubang, MD; Thomas R. Wojda, MD; John D. Nuschke; William S. Hoff, MD, FACS; Brian A. Hoey, MD, FACS; Peter Thomas; Steven Falowski, MD; Stanislaw P. Stawicki, MD, MBA, FACS. St. Luke's University Health Network, Bethlehem, PA

DISCUSSANT: Moderator(s)

Socioeconomic Disparities Lead to Underutilization of Treatment for Gastric Cancer Among the Elderly in the U.S.
Anne O. Lidor, MD, FACS; Daniela Molena, MD; Miloslawa Stem; Amanda Blackford; Timothy M. Pawlik, MD, MPH, PhD, FACS. Johns Hopkins University School of Medicine, Baltimore, MD, University of Wisconsin, Madison, WI, Memorial Sloan Kettering Cancer Center, New York, NY

DISCUSSANT: Moderator(s)

SF20 | 12:45-4:00 pm
Global Surgery/Humanitarian Outreach

LOCATION: 204BC

TRACK: HUM

MODERATORS:
Sanjay Krishnaswami, MD, FACS, *Portland, OR*
Akpofure P. Ekeh, MB, BS, FACS, *Dayton, OH*

Surgical Humanitarian Care in Military Treatment Facilities: Afghanistan 2002 to 2013
Sharon R. Weeks, MD; John S. Oh, MD; Peter A. Learn, MD. Walter Reed National Military Medical Center, Bethesda, MD, Uniformed Services University of the Health Sciences, Bethesda, MD

DISCUSSANT: David P. Blake, MD, FACS, *Norfolk, VA*

Multi-Drug Resistance Colonization Is Associated with Increased Mortality Following Burn Injury in Sub-Saharan Africa
Jared R. Gallaher, MD; Joanna Grudziak, MD; Vanessa Msosa, MB,BS; Bruce A. Cairns, MD, FACS; Anthony G. Charles, MD, MPH, FACS. University of North Carolina Chapel Hill, Kamuzu Central Hospital, Lilongwe, Malawi

DISCUSSANT: Robert Riviello, MD, MPH, FACS, *Boston, MA*

Barriers to Performing Minimally Invasive Surgery in Rwanda: An Assessment of National Demand, Use Rates and Perceived Challenges
Faith C. Robertson; Zeta A. Mutabazi; Georges Ntakiyiruta, MD; Sanctus Musafiri, MD; Vincent Dusabejambo, MD; Tim Walker, MB, BS, FRACP; Emmanuel Kayibanda, MD; Constance Mukabatsinda, MD; John W. Scott, MD, MPH; Ainhoa Costas, MD, MPH, FACS. Harvard Medical School, Boston, MA; College of Medicine & Health Sciences, University of Rwanda, Kigali; Boston Children's Hospital, Boston

DISCUSSANT: Keir J. Thelander, MD, FACS, *Pittsford, NY*

Do Outcomes of Emergency Surgery Differ Around the Globe? Matched Comparison of Patients in a Developed and an Underdeveloped Health Care Setting
Adil A. Shah, MD; Cheryl K. Zogg; Asad Latif, MD, MPH; Nabil Wasif, MB, BS, MPH, FACS; Alyssa Chapital, MD, FACS; Robert Riviello, MD, MPH, FACS; Abdul Rehman, MD; Hasnain Zafar, MB, BS, FACS; Adil H. Haider, MD, MPH, FACS. Aga Khan University Karachi, Pakistan, Brigham and Women's Hospital, Boston, MA, Mayo Clinic, Phoenix, AZ

DISCUSSANT: Tanya L. Zakrison, MD, FACS, *Miami Beach, FL*

Social Consequences of an Ostomy in a Resource-Limited Setting: A Retrospective Review of Pediatric Patients with Ostomies in Central Haiti
Neema C. Kaseje, MD; Rocky Regulus, MD; Jean Louis Mac Lee, MD; Andre Patrick Jeudy, MD. Harvard Boston Medical School, Boston Children's Hospital, MA; Hopital Universitaire Mirebalais, Haiti

DISCUSSANT: Jonathan A. Laryea, MB, ChB, FACS, *Little Rock, AR*

Laparoscopic Cholecystectomy in a Mobile Surgical Unit for Remote and Underserved Populations
Edgar B. Rodas, MD; Anita Vicuna, MD; Blasco Guzhnay, MD; Francisco E. Mora, MD. Cinterandes Foundation, Universidad del Azuay, Universidad de Cuenca, Ecuador

DISCUSSANT: Fiemu E. Nwariaku, MB, BS, FACS, *Dallas, TX*

The Independent Effect of a New Surgical Residency Program on In-Hospital Trauma Mortality at a Sub-Saharan Africa Tertiary Center
Jared R. Gallagher, MD; Joanna Grudziak, MD; Leonard Banza, MB, BS; Bruce A. Cairns, MD, FACS; Anthony G. Charles, MD, MPH, FACS. University of North Carolina at Chapel Hill, Kamuzu Central Hospital, Lilongwe, Malawi

DISCUSSANT: Sudha P. Jayaraman, MD, *Richmond, VA*

Outcomes of a Hand Surgery Mission to Honduras
Carolyn Chuang; Jacob Azurdia, MD; David Asuzu, PhD; Kyle T. Ragins, MD, MBA; Grant Thomson, MD, FACS. Yale University School of Medicine, New Haven, CT

DISCUSSANT: Kakra Hughes, MD, FACS, *Washington, DC*

Variations in Injury Characteristics in Pediatric Patients Following Trauma: Prehospital vs. In-Hospital Deaths
Laura N. Purcell; Jared R. Gallagher, MD; Bruce A. Cairns, MD, FACS; Anthony G. Charles, MD, MPH, FACS. University of North Carolina at Chapel Hill, Kamuzu Central Hospital, Lilongwe, Malawi

DISCUSSANT: Emmanuel A. Ameh, MB, BS, FACS, *Zaria, Nigeria*

Do Women and Men Experience Similar Barriers to Surgical Careers Worldwide?
Isobel H. Marks; Adrian Diaz; Michael H. Keem, MD; Kimberly M. Daniels; Sanam SS Ladi Seyedian; Eslam Fouda, MD; Chris Lavy, MD, MCh, FCS, FRCS; Godfrey S. Philipo, MD; David C. Chang, PhD, MPH, MBA. Harvard Medical School, Boston, MA; University of Oxford, UK; International Federation of Medical Students' Associations, Amsterdam, Netherlands

DISCUSSANT: Tamara J, Worlton, MD, FACS, *Silver Spring, MD*

High In-Hospital Mortality in Indian Female Burn Patients: What Is the Role of Gender and Country?
Mohini Dasari; Siddarth D. David; Jenny A. Ziembicki, MD; Juan Carlos Puyana, MD, FACS; Nobhojit Roy, MD. University of Pittsburgh School of Medicine, Pittsburgh, PA, Tata Institute of Social Sciences, Mumbai, India

DISCUSSANT: Anthony G. Charles, MD, MPH, FACS, *Chapel Hill, NC*

Task-Shifting: The Use of Laypersons for Acquisition of Vital Signs Data for Clinical Decision Making in the Emergency Room following Traumatic Injury
Bryce E. Haac; Jared R. Gallaher, MD; Charles Mabedi, MB, BS; Anthony G. Charles, MD, MPH, FACS. University of North Carolina at Chapel Hill, NC, Central Hospital, Lilongwe, Malawi

DISCUSSANT: Joe Sharma, MD, *Atlanta, GA*

SF21 | 12:45-4:00 pm
Transplantation and Tissue Engineering I

LOCATION: 151B

TRACK: BTR

MODERATORS:
Dev M. Desai, MD, FACS, *Dallas, TX*
Carlos E. Marroquin, MD, FACS, *South Burlington, VT*

Reperfusion Hyperfibrinolysis during Liver Transplantation Is Associated with Glutamate Metabolopathy and Succinate Depletion
Hunter B. Moore, MD; Ernest E. Moore, MD, FACS; Trevor L. Nydam, MD; Angelo D'Alessandro, PhD; Matthew Wither; Peter J. Lawson; Igal Kam, MD, FACS; Kirk Hansen, PhD; Anirban Banerjee, PhD; Christopher C. Silliman, MD, PhD. University of Colorado, Aurora, CO

DISCUSSANT: Moderator(s)

Early Predictors of Late Renal Dysfunction in Subnormothermic Ex-Vivo Organ Perfusion (EVOP) Model
Matthew F. Blum; Daniel Urcuyo, MD; Qiang Liu, MD, PhD; Basem Soliman, MD; David A. Goldfarb, MD, FACS; Cristiano Quintini. Cleveland Clinic Foundation, Cleveland, OH

DISCUSSANT: Moderator(s)

Is Normothermic Perfusion a Feasible Option for Intestinal Preservation? Experience with a Porcine Model
Alessandra Bertacco; Abedalrazaq O. AlKukhun, MB, BS; Alice Kitay; Moha Aldajani, MD; Francesco D'Amico, MD, PhD; Manuel I. Rodriguez-Davalos, MD, FACS; David C. Mulligan, MD, FACS; John P. Geibel. Yale University, School of Medicine, New Haven, CT

DISCUSSANT: Moderator(s)

Baboon CD31 Endothelial Expression and Prolonged Survival Following Pig-to-Baboon Liver Xenotransplantation
Jigesh A. Shah, DO; Ivy A. Rosales, MD; Robert B. Colvin, MD; James F. Markmann, MD, PhD; David H. Sachs, MD; Parsia A. Vagefi, MD, FACS. Massachusetts General Hospital, Boston, MA

DISCUSSANT: Moderator(s)

Protective Mechanisms of Vascularized Composite Allografts in Non-Human Primates
Mehmet Uluer, MD; Arthur J. Nam, MD; Jhade D. Woodall, MD; Wessam Hassanein, MD; David A. Bruno, MD; Dawn M. Parsell; Urmil Dhru; Branko Bojovic, MD, FACS; Stephen T. Bartlett, MD, FACS; Rolf N. Barth, MD, FACS. University of Maryland School of Medicine, Baltimore

DISCUSSANT: Moderator(s)

Allograft Rejection with αCD28 and αB7 Costimulation Blockade Is Not Correlated with CD28 Graft Infiltrating T. Lymphocytes
Natalie A. O'Neill, MD; Tianshu Zhang, MD, PhD; Wenji Sun, MD, PhD; Gheorghe Braileanu, PhD; Ivan Tatarov, DVM; Wessam Hassanein, MD; Selin Sendil, MD; Dawn M. Parsell; Richard N. Pierson, III, MD, FACS; Agnes M. Azimzadeh, PhD. University of Maryland, Baltimore

DISCUSSANT: Moderator(s)

Risk Factors for Developing Adult Cardiovascular Disease (CVD) in Children Who Received a Kidney Transplant: Analysis of 1055 Kidney Transplants Between 1963–2015 at a Single Institution
Oscar K. Serrano, MD; Ananta Bangdiwala; David Vock, PhD; Ty B. Dunn, MD, FACS; Srinath Chinnakotla, MD; Erik Finger, MD, PhD; Raja Kandaswamy, MB,BS, FACS; Timothy L. Pruett, MD, FACS; Arthur J. Matas, MD, FACS; Blanche Chavers, MD. University of Minnesota, Minneapolis

DISCUSSANT: Moderator(s)

Risk Factors for Developing Post-Transplant Malignancy in Children Who Receive a Kidney Transplant: Analysis of 1055 Kidney Transplants between 1963–2015 at a Single Institution
Oscar K. Serrano, MD; Ananta Bangdiwala; David Vock, PhD; Ty B. Dunn, MD, FACS; Srinath Chinnakotla, MD; Erik Finger, MD, PhD; Raja Kandaswamy, MB, BS, FACS; Timothy L. Pruett, MD, FACS; Arthur J. Matas, MD, FACS; Blanche Chavers, MD. University of Minnesota, Minneapolis

DISCUSSANT: Moderator(s)

The Implication of Alloantibodies on Graft Histology after Pediatric Liver Transplantation
Katrina L. Weaver, MD; Ashwini S. Poola, MD; Vicki Fioravanti; Ashley K. Sherman; Richard J. Hendrickson, MD, FACS; Walter S. Andrews, MD, FACS. Childrens Mercy Hospital, Kansas City, MO

DISCUSSANT: Moderator(s)

Predicting Success in Septuagenarians Undergoing Liver Transplantation: A Single-Center Analysis of 140 Recipients
Keri E. Lunsford, MD, PhD; Vatche G. Agopian, MD, FACS; Ali Zarrinpar, MD, PhD; Fady M. Kaldas, MD, FACS; Hasan Yersiz, MD; Douglas G. Farmer, MD, FACS; Ronald W. Busuttil, MD, PhD, FACS. University of California, Los Angeles

DISCUSSANT: Moderator(s)

The Burden of Emergency Surgery in Abdominal Transplant Patients: A Nationwide Examination
Adil A. Shah, MD; Awais Ashfaq, MD; Erin M. Garvey, MD; Daniel J. Johnson, MD, FACS; Kristi L. Harold, MD, FACS; Amit K. Mathur, MD Nabil Wasif, MB, BS, MPH, FACS; Alyssa Chapital, MD, FACS. Mayo Clinic, Phoenix, AZ

DISCUSSANT: Moderator(s)

Impact of Cold Ischemia Time on Hospital Costs in Kidney Transplantation
Oscar K. Serrano, MD; David Vock, PhD; Ty B. Dunn, MD, FACS; Srinath Chinnakotla, MD; Raja Kandaswamy, MB, BS, FACS; Timothy L. Pruett, MD, FACS; Arthur J. Matas, MD, FACS; William D. Payne, MD, FACS; Roger Feldman, PhD; Erik Finger, MD, PhD. University of Minnesota, Minneapolis

DISCUSSANT: Moderator(s)

SF22 | 12:45-4:00 pm
Vascular Surgery I

LOCATION: 152A

TRACK: VAS

MODERATORS:
Benjamin S. Brooke, MD, PhD, FACS, *Salt Lake City, UT*
Gilbert R. Upchurch, MD, FACS, *Charlottesville, VA*

Evaluating Patient Usability of an Image-Based Mobile Health Platform for Postoperative Wound Monitoring
Rebecca Gunter, MD; Sara Fernandes-Taylor, PhD; Andrea Mahnke; Lola Awoyinka, MPH; Chad R. Schroeder; Sarah Sullivan, PhD; Jason T. Wiseman, MD; Caprice C. Greenberg, MD, MPH, FACS; K. Craig Kent, MD, FACS. University of Wisconsin, Madison, Marshfield Clinic Research Foundation, Marshfield, WI

DISCUSSANT: Brigitte Smith, MD, *Salt Lake City, UT*

Ex-Vivo Expansion of Regulatory T Cells from Abdominal Aortic Aneurysm Patients Inhibits Aneurysm Formation
Melissa Suh, MD; Matthew Dale; Jeffrey S. Carson, MD; Trevor Meisinger; Wanfen Xiong, MD, PhD; Bernard T. Baxter, MD, FACS. University of Nebraska Medical Center, Omaha, NE

DISCUSSANT: Luke P. Brewster, MD, PhD, FACS, *Atlanta, GA*

The Popliteal Artery Demonstrates More Elastin Breaks Than the Superficial Femoral Artery
William Poulson, MD; Alexey Kamenskiy, PhD; Sylvie Sim; Paul Deegan; Jason N. MacTaggart, MD, FACS. University of Nebraska Medical Center, Omaha

DISCUSSANT: Ying Wei Lum, MD, FACS, *Lutherville, MD*

Regional Variation in the Cost of Infra-Inguinal Lower Extremity Bypass Surgery: National Study
Besma Nejim, MB, ChB, MPH; Tammam Obeid, MD; Isibor J. Arhuidese, MD, MPH; Satinderjit S. Locham, MD; Oluwadamilola O. Onasanya, MB, ChB, MPH; Joseph K. Canner, MHS; Mahmoud Malas, MD, MHS, FACS. Johns Hopkins University School of Medicine, Baltimore, MD

DISCUSSANT: Natalia Oleg Glebova, MD, PhD, *Aurora, CO*

Volumetric Nephrogram Correlates with 10-Year Survival in Patients Undergoing Aortic Repair
Lauren E. Trakimas, DO; Claudia Agahie; Zane Young, MD; Doran Mix; Jennifer Ellis, MD; Roan Glocker, MD; Adam J. Doyle, MD; Michael C. Stoner, MD, FACS. University of Rochester, NY

DISCUSSANT: Spencer W. Galt, MD, FACS, *Murray, UT*

Management of Recurrent Stenosis After Carotid Artery Stenting
Lindsey M. Korepta, MD; Regina Matar; Daniel Ziazadeh; Justin M. Simmons; Eanas S. Yassa, MD; Jason D. Slaikeu, MD, FACS; Christopher M. Chambers, MD, PhD, FACS; Ashraf Mansour, MD, FACS. Spectrum Health Hospital, Michigan State University College of Human Medicine, Grand Rapids Medical Education Partners

DISCUSSANT: Mahmoud Malas, MD, MHS, FACS, *Baltimore, MD*

Transforming Growth Factor-B–Activated Kinase 1 Is Required for Arteriovenous Fistula Maturation
Haidi Hu, MD; Takuya Hashimoto, MD, PhD; Hualong Bai, MD; Trenton R. Foster, MD; Jesse J. Hanisch, MD, PhD; Jeans Santana; Alan Dardik, MD, PhD, FACS. Yale University School of Medicine, Vascular Biology and Therapeutics Program/Yale University, New Haven, CT, The First Hospital of China Medical School, Shenyang, China

DISCUSSANT: Elina Quiroga, MD, FACS, *Mercer Island, WA*

Respiratory Failure Predicts Mortality in Contemporary Open and Endovascular Paravisceral Abdominal Aortic Aneurysm Repair
Elizabeth A. Genovese, MD; Efthymios Avgerinos, MD; Rabih A. Chaer, MD, FACS; Michel S. Makaroun, MD, FACS; Donald T. Baril, MD. University of Pittsburgh Medical Center, PA

DISCUSSANT: M. Ashraf Mansour, MB, BcH, FACS, *Grand Rapids, MI*

Synthetically Engineered High-Density Lipoprotein Gold Nanoparticles Target Vascular Injury Following Systemic Intravascular Administration
Molly A. Wasserman, MD; Jonathan Rink, PhD; Colby S. Thaxton, MD, PhD; Melina R. Kibbe, MD, FACS. Northwestern University, Feinberg School of Medicine, Chicago, IL

DISCUSSANT: Alan Dardik, MD, FACS, *New Haven, CT*

Review of Surgical Iatrogenic Vascular Injuries and their Management
Scott Bendix, MD; Pritham P. Reddy, MD, FACS. Providence Hospital, Southfield, MI

DISCUSSANT: John C. Eun, MD, *Denver, CO*

Endothelial Nitric Oxide Synthase Mediates Arteriovenous Fistula Maturation
Jeans M. Santana; Takuya Hashimoto, MD, PhD; Trenton R. Foster, MD; Haidi Hu, MD; Hualong Bai, MD; Jesse J. Hanisch, MD, PhD; Alan Dardik, MD, PhD, FACS. Yale University, New Haven, CT

DISCUSSANT: Moderator(s)

SF23 | 2:30-4:00 pm
Colon and Rectal Surgery II

LOCATION: Ballroom B

TRACK: CRS

MODERATORS:
Elizabeth C. Wick, MD, FACS, *Baltimore, MD*
Larissa K. F. Temple, MD, FACS, *New York, NY*

A Hospital-Based Quality Assessment of Rectal Cancer Care Using the National Cancer Database (NCDB)
Enobong Efiong, MD; Christie Buonpane, MD; Marcus B. Fluck; Marie A. Hunsinger; Kevin Long, MD; Christopher J. Buzas; Mohsen Shabahang, MD, FACS; Joseph A. Blansfield, MD, FACS; Kristen Halm, MD. Geisinger Medical Center, Danville, PA

DISCUSSANT: Moderator(s)

Understanding Palliative Interventions in Patients With End-Stage Colorectal Cancer
Stephanie Ramkumar, MD; Shuyin V. Liang, MD; Rebecca M. Prince, MB, BS, FRACP; Adena S. Scheer; Julie Hallet, MD; Rebecca K. Wong; Monica Krzyzanowska; Paul Kortan; Camilla Zimmermann, MD, PhD; Alexandra M. Easson, MD, FACS. University of Toronto, Toronto, ON

DISCUSSANT: Moderator(s)

Surgery Without Curative Intent: Rethinking the Management of Stage IV Colon Cancer
Zhaomin Xu, MD; Christopher T. Aquina, MD; Adan Z. Becerra; Bradley J. Hensley, MD, MBA; Christian P. Probst, MD; Reza Arsalani-Zadeh, MD; Katia Noyes, PhD, MPH; John R. Monson, MD, MB, BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester, Rochester, NY

DISCUSSANT: Moderator(s)

Clinical Implications of Microsatellite Instability in Rectal Cancer
Georgios Karagkounis, MD; Brandie Heald; David Liska, MD; Thomas Plesec, MD; Charis Eng, MD, PhD; James M. Church, MD, FACS; Matthew F. Kalady, MD, FACS. Cleveland Clinic, Cleveland, OH

DISCUSSANT: Moderator(s)

Decreased Use of Sphincter-Preserving Procedures Among African-American Patients With Rectal Cancer
Elliot G. Arsoniadis, MD; Yunhua Fan, PhD; Stephanie L. Jarosek; Wolfgang B. Gaertner, MD; Genevieve B. Melton, MD, PhD, FACS; Robert D. Madoff, MD, FACS; Mary R. Kwaan, MD, MPH, FACS. University of Minnesota, Minneapolis

DISCUSSANT: Moderator(s)

Preparing for Optimizing the Treatment of Rectal Cancer Consortium Proposed Standards for Excellence in Rectal Cancer Treatment: An Audit of Two Academic Institutions
Robert Henley, MD; Luis O. Hernandez, MD; Anjali Kumar. Virginia Mason Medical Center, Seattle, WA, MedStar Washington Hospital Center, DC

DISCUSSANT: Moderator(s)

SF25 | 2:30-5:45 pm
Hepatobiliary and Pancreas II

LOCATION: 144

TRACK: GEN
MODERATOR: Kimberly M. Brown, MD, FACS, *Galveston, TX*
CO-MODERATOR: Sylvester Black, MD, *Portland, OR*

Comparative Effectiveness of Resection vs.Surveillance for Pancreatic Branch Duct Intraductal Papillary Mucinous Neoplasms with Worrisome Features
Yinin Hu, MD; Lily Johnston, MD; Vanessa M. Shami, MD; George J. Stukenborg, PhD; Todd W. Bauer, MD, FACS; Reid B. Adams, MD, FACS; Victor Zaydfudim, MD. University of Virginia, Charlottesville

DISCUSSANT: Tara S. Kent, MD, FACS, *Boston, MA*

Delayed Cholecystectomy for Acute Cholecystitis Remains Common and Is Still Associated with Higher Health Care Use and Worse Outcomes: Evidence-Based Medicine or Is It?
Christopher T. Aquina, MD; Adan Z. Becerra; Christian P. Probst, MD; Bradley J. Hensley, MD, MBA; Zhaomin Xu, MD; James C. Iannuzzi, MD, MPH; Katia Noyes, PhD, MPH; John R. Monson, MD, MB BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester Medical Center, NY

DISCUSSANT: Lance W. Griffin, MD, *Galveston, TX*

Neutrophil Extracellular Traps Promote a Systemic Pro-Coagulant State With Remote Organ Injury After Liver Ischemia/Reperfusion
Julie Goswami, MD; Patrick R. Varley, MD; Dirk Van Der Windt, MD, PhD; Patricia Loughran, PhD; David A. Geller, MD, FACS; Hai Huang, MD; Allan Tsung, MD, FACS. University of Pittsburgh Medical Center, PA

DISCUSSANT: Moderator(s)

Value of Aggressive Repeat Hepatectomy for Colorectal Liver Metastases
Yasuyuki Fukami, MD; Yuji Kaneoka; Atsuyuki Maeda; Yuichi Takayama; Shunsuke Onoe. Ogaki Municipal Hospital, Gifu, Japan

DISCUSSANT: Maher Ghanem, MD, *Baltimore, MD*

Take Only What You Need?: A Nationwide Analysis Revealing the Cost of Splenectomy in Distal Pancreatectomy
Nicole Lopez, MD; Paula D. Strassle; Shachar Laks, MD; Michael O. Meyers, MD; Hong Jin Kim, MD, FACS; Jen Jen Yeh, MD, FACS. University of North Carolina at Chapel Hill

DISCUSSANT: Sharon M. Weber, MD, FACS, *Madison, WI*

Hepatic Resection for Hepatocellular Carcinoma at an Academic Medical Center is Associated with Improved Long-Term Survival
Brandon C. Chapman, MD; Alessandro Paniccia, MD; Douglas M. Overbey, MD; Patrick Hosokawa; William G. Henderson, MPH, PhD; Ana Gleisner, MD, PhD; Martin D. McCarter, MD, FACS; Barish H. Edil, MD, FACS; Richard D. Schulick, MD, MBA, FACS; Csaba Gajdos, MD, FACS. University of Colorado, Aurora

DISCUSSANT: Margo C. Shoup, MD, FACS, *Maywood, IL*

Adjuvant Chemotherapy for T2N1 and T3-4 Gallbladder Cancer: A Clear Benefit
John R. Bergquist, MD; Tommy Ivanics, MD; Elizabeth B. Habermann, PhD, MPH; Michael L. Kendrick, MD, FACS; Michael B. Farnell, MD, FACS; Rory L. Smoot, MD; David M. Nagorney, MD, FACS; Mark Truty, MD. Mayo Clinic, Rochester, MN

DISCUSSANT: Darius Cawas Desai, MD, FACS, *Easton, PA*

The Influence of Surgical Volume on Cost Variations for Pancreatic Surgery
Howard W. Nelson-Williams, MD, MPH; Faiz Gani, MB, BS; Timothy M. Pawlik, MD, MPH, PhD, FACS. Johns Hopkins University School of Medicine, Baltimore, MD

DISCUSSANT: Purvi Yogesh Parikh, MD, FACS, *Stony Brook, NY*

Autogenous Hepatic Tissue Implantation into the Omentum: A Pilot Murine Model of Ex-Situ Liver Regeneration
Francisco I. Macedo; Joseph J. Eid, MD; Milessa Decker; Barry Herschman, MD; Michael J. Jacobs, MD; Vijay K. Mittal, MD, FACS. Providence Hospital/Michigan State University, Southfield

DISCUSSANT: Moderator(s)

ST2 Stimulation on Neutrophils Induces NET Formation and Exacerbates Injury After Hepatic Ischemia/ Reperfusion
Dirk Van Der Windt, MD, PhD; Hamza O. Yazdani; Hui-Wei Chen; Brian R. Rosborough; Patricia Loughran, PhD; Allan Tsung, MD, FACS; Hai Huang, MD. University of Pittsburgh Medical Center, Pittsburgh, PA, Huazhong University of Science and Technology, Wuhan, China

DISCUSSANT: Moderator(s)

Does Radiofrequency Ablation (RFA) and Transcatheter Arterial Embolization (TACE) Affect Recurrence of Hepatocellular Carcinoma (HCC) After Liver Transplantation?
Ali M. Cheaito, MD, FACS. University of California, Los Angeles

DISCUSSANT: Tun Jie, MD, FACS, *Tucson, AZ*

Outcomes of Islet Transplantation to Extrahepatic Sites During Total Pancreatectomy With Islet Autotransplantation
Sydne Muratore, MD; Dane A. Thompson; Melena Bellin, MD; Barbara Bland; K. Louise Berry; Joshua Wilhelm; Ty B. Dunn, MD, FACS; Srinath Chinnakotla, MD; Tim Pruett, MD; Greg Beilman, MD, FACS. University of Minnesota, Minneapolis

DISCUSSANT: Moderator(s)

SF26 | 2:30-5:45 pm
Pediatric Surgery II

LOCATION: 152B

TRACK: PED
MODERATOR: Kasper S. Wang, MD, FACS, FAAP, *Los Angeles, CA*

Toward Physiologic Extracorporeal Support of the Premature Infant: Technical Feasibility of Umbilical Cord Cannulation in Mid-Gestation Fetal Lambs
Matthew A. Hornick, MD; Marcus G. Davey, PhD; Ali Y. Mejaddam, MD; Patrick E. McGovern, MD; Emily A. Partridge, MD, PhD; Theodore R. Weiland; Grace L. Hwang; Jiancheng Han, MD; William H. Peranteau, MD; Alan W. Flake, MD, FACS. Children's Hospital of Philadelphia, PA

DISCUSSANT: Moderator(s)

A Recently Discovered Oligosaccharide Inhibits Toll-Like Receptor 4 (TLR4) and Prevents Intestinal Stem Cell Apoptosis in Experimental Necrotizing Enterocolitis
Laura Y. Martin, MD; Chhinder P. Sodhi, PhD; Hongpeng Jia, MD; Yukihiro Yamaguchi, PhD; Misty Good, MD; Peter Wipf; Jungeun Sung; Peng Lu, PhD; Diego F. Nino, MD, PhD; David J. Hackam, MD, FACS. Johns Hopkins Hospital, Baltimore, MD

DISCUSSANT: Moderator(s)

ML327 Blocks N-MYC Expression and Tumor Formation in MYCN-Amplified Neuroblastomas
Eric J. Rellinger, MD; Chandrasekhar Padmanabhan, MD; Brian T. Craig, MD; Hanbing An, PhD; Jingbo Qiao, PhD; Alex G. Waterson, PhD; Craig W. Lindsley, PhD; R. Daniel Beauchamp, MD, FACS; Dai H. Chung, MD, FACS. Vanderbilt University, Nashville, TN

DISCUSSANT: Moderator(s)

Growth Differentiation Factor 15 (GDF15) Is A Novel Regulator of the Stem Cell-Like Phenotype in Neuroblastoma
Brian T. Craig, MD; Eric J. Rellinger, MD; Yan Guo, PhD; Jingbo Qiao, PhD; Dai H. Chung, MD, FACS. Vanderbilt University Medical Center, Nashville, TN

DISCUSSANT: Moderator(s)

Mechanoluminal Stimulation Upregulates Genes Involved in Inflammatory and Proliferative Processes in the Human Intestine
Minna Wieck, MD; Matthew Thornton, PhD; Christa N. Grant, MD; Ashley E. Hilton; Tracy C. Grikscheit, MD, FACS. Children's Hospital, Los Angeles, CA

DISCUSSANT: Moderator(s)

PIM Kinase Promotes the Malignant Phenotype of Hepatoblastoma
Laura L. Stafman, MD; Smitha Mruthyunjayappa; Evan F. Garner, MD; Jerry Stewart; Elizabeth A. Beierle, MD, FACS. University of Alabama, Birmingham

DISCUSSANT: Moderator(s)

PROMININ-1 Expression Is Associated with Biliary Fibrosis in Biliary Atresia
Jessica A. Zagory, MD; William H. Dietz; Marie V. Nguyen, MD; Jorge A. Bezerra, MD; Kasper S. Wang, MD, FACS. Children's Hospital, Los Angeles, CA, Cincinnati Children's Hospital Medical Center, OH

DISCUSSANT: Moderator(s)

Increased Survival and Decreased Metastasis in a Mouse Neuroblastoma Model of Minimal Residual Disease After Treatment With Anti-GD2 Antibody and Activated Natural Killer Cells
Jeremy R. Jackson, MD; Hong-Wei Wu, MD; Grace E. Asuelime; Jianping Sun, MD; Robert C. Seeger, MD; Eugene S. Kim, MD, FACS. Children's Hospital, Los Angeles, CA

DISCUSSANT: Moderator(s)

Deficiency of Receptor-Interacting Protein Kinase 3 (RIPK3) Reduces Lung Injury and Inflammation in Neonatal Sepsis
Laura W. Hansen, MD; Weng-Lang Yang, PhD; Alexandra C. Bolognese, MD; Jose M. Prince, MD, FACS; Jeffrey M. Nicastro, MD, FACS, FCCM; Gene F. Coppa, MD, FACS; Ping Wang, MD, FACS. Hofstra Northwell School of Medicine, The Feinstein Institute for Medical Research, Manhasset, NY

DISCUSSANT: Moderator(s)

Treatment With Inhaled Interleukin-10 (IL10) Decreases Pulmonary Arterial Hypertension in Slit3 Knockout Mice with Congenital Diaphragmatic Hernia
Mansi Shah, MD; Michael R. Phillips, MD; Swathi Balaji, PhD; Sundeep G. Keswani, MD; Sean E. McLean, MD, FACS. University of North Carolina at Chapel Hill, Baylor College of Medicine, Houston, TX

DISCUSSANT: Moderator(s)

Induction of Invariant Natural Killer T (iNKT) Cell Anergy Attenuates Systemic and
Alexandra C. Bolognese, MD; Weng-Lang Yang, PhD; Laura Hansen, MD; Archna Sharma, PhD; Jeffrey M. Nicastro, MD, FACS, FCCM; Gene F. Coppa, MD, FACS; Ping Wang, MD, FACS. Hofstra Northwell School of Medicine, The Feinstein Institute for Medical Research, Elmezzi Graduate School of Molecular Medicine, Manhasset, NY

DISCUSSANT: Moderator(s)

Regenerative Healing of Large Fetal Wounds Following Interleukin-10 (IL-10) Treatment Is Associated with Upregulation of M2c Macrophages
Maggie M. Hodges, MD; Carlos Zgheib, PhD; Junwang Xu, PhD; Junyi Hu, MD; Kenneth W. Liechty, MD, FACS, FAAP. University of Colorado-Denver, Aurora

DISCUSSANT: Moderator(s)

SF27 | 2:30-5:45 pm
Plastic and Maxillofacial Surgery I

LOCATION: 143A

TRACK: PLA

MODERATORS:
Arin K. Greene, MD, FACS, *Boston, MA*
Scott T. Hollenbeck, MD, *Durham, NC*

Investigation of the Use of Bone Marrow Stem Cells to Facilitate Pathologic Fracture Healing of the Mandible After Irradiation
Alicia E. Snider, MD. University of Michigan Ann Arbor, MI, University of South Carolina, Columbia, SC

DISCUSSANT: Moderator(s)

Plasmonic Gold-Nanostars for Tracking of Adult Stem Cells and for Selective Photothermal Ablation
Ronnie L. Shammas; Andrew M. Fales; Bridget M. Crawford; Bruce Klitzman, PhD; Scott T. Hollenbeck, MD, FACS; Tuan VoDinh, PhD. Duke University, Durham, NC

DISCUSSANT: Moderator(s)

Inhibition of Unfolded Protein Response Decreases Scar Formation
Tatiana V. Boyko, MD; Dadi Jiang, PhD; Hongbin Cao; Albert C. Koong, MD, PhD; Michael T. Longaker, MD, MBA, FACS; George P. Yang, MD, FACS. Stanford University, Stanford, CA, University at Buffalo, Buffalo, NY

DISCUSSANT: Moderator(s)

Engrailed-1 Identifies the Fibroblast Lineage Responsible for the Transition from Fetal Scarless to Adult Scarring Cutaneous Wound Repair
Michael S. Hu, MD, MPH; Graham G. Walmsley; Zeshaan N. Maan, MD; Rahul Sinha, PhD; Tripp Leavitt; Clement D. Marshall, MD; Irving L. Weissman, MD; Geoffrey C. Gurtner, MD, FACS; Michael T. Longaker, MD, MBA, FACS; H. Peter Lorenz, MD, FACS. Stanford University, CA

DISCUSSANT: Moderator(s)

Analysis of Follicle-Stimulating Hormone Receptor Expression in Infantile Hemangioma
Reid A. Maclellan, MD; Fu Xi, MD; Javier A. Couto; Lan Huang, PhD; Matthew P. Vivero; Joyce Bischoff, PhD; Arin K. Greene, MD, FACS. Boston Children's Hospital/Harvard Medical School, Boston, MA

DISCUSSANT: Moderator(s)

Obesity-Induced Lymphatic Dysfunction Is Reversible With Weight Loss
Geoffrey E. Hespe; Matthew D. Nitti; Raghu P. Kataru, PhD; Gabriela D. Garcia Nores, MD; Ira L. Savetsky, MD; Jeremy S. Torrisi; Jason CE Gardenier, MD; Andrew J. Dannenberg, MD; Babak J. Mehrara, MD, FACS. Memorial Sloan Kettering Cancer Center, New York, NY

DISCUSSANT: Moderator(s)

A Novel, Transgenic, Inducible Murine Model of Scrotal Lymphedema
Jason C. Gardenier, MD; Jung-Ju Huang; Geoffrey E. Hespe; Gabriela Garcia Nores; Jessie Z. Yu, MD; Ira L. Savetsky, MD; Raghu Kataru; Babak J. Mehrara, MD, FACS. Memorial Sloan Kettering Cancer Center, New York, NY

DISCUSSANT: Moderator(s)

Development of Lymphedema Requires Homing and Differentiation of T Cells
Gabriela D. García Nores, MD; Daniel A. Cuzzone, MD; Geoffrey E. Hespe; Raghu P. Kataru, PhD; Jason C. Garcdenier, MD; Ira L. Savetsky, MD; Jessie Z. Yu, MD; Jung-Ju Huang, MD; Babak J. Mehrara, MD, FACS. Memorial Sloan Kettering Cancer Center, New York, NY

DISCUSSANT: Moderator(s)

The Use of Finite Element Analysis to Guide Autologous Fat Transfer to Below-the-Knee Amputation Stumps for Improved Prosthesis Fitting
Jessica Green; Pravin Reddy, MD. Atlanta Medical Center, GA

DISCUSSANT: Moderator(s)

Measuring Functional Recovery After Vascularized Composite Allotransplantation: A Novel Rat Forelimb Transplantation Model
Amy Quan, MPH; Joshua D. Budihardjo; Barbara Kern, MD; Sara Mermulla, MD; Joseph Lopez, MD, MBA; Ahmet Hoke, MD, PhD; WP Andrew Lee, MD, FACS; Sami H. Tuffaha, MD; Gerald Brandacher, MD. Johns Hopkins University School of Medicine, Baltimore, MD

DISCUSSANT: Moderator(s)

Measuring Functional Recovery After Chronic Denervation of Peripheral Nerves: A Novel Rat Forelimb Model
Amy Quan, MPH; Joseph Lopez, MD, MBA; Sami H. Tuffaha, MD; Joshua D. Budihardjo; Howard D. Wang, MD; Ahmet Hoke, MD, PhD; WP Andrew Lee, MD, FACS; Gerald Brandacher, MD. Johns Hopkins University School of Medicine, Baltimore, MD

DISCUSSANT: Moderator(s)

Noninvasive Induction of Angiogenesis in Soft Tissues: A Novel Paradigm in (Reconstructive) Surgery
Giorgio Giatsidis, MD; Liying Cheng, MD-PhD; Anthony Haddad, MD; Luca Lancerotto, MD; Hajime Matsumine, MD, PhD; Dennis P. Orgill, MD, FACS. Brigham and Womens Hospital-Harvard Medical School, Boston, MA

DISCUSSANT: Moderator(s)

SF28 | 2:30-5:45 pm
Quality, Safety, and Outcomes III

PtS

LOCATION: 102

TRACK: HP
MODERATOR: Melinda A. Maggard Gibbons, MD, FACS, Los Angeles, CA

Minimally Invasive vs. Open Surgery in the Medicare Population: A Comparison of Postoperative and Economic Outcomes
Caleb J. Fan; Hung-Lun Chien, MPH; Timothy M. Pawlik, MD, MPH, PhD, FACS; Kenzo Hirose, MD, FACS; Matthew J. Weiss, MD, FACS; Jin He, MD; Christopher L. Wolfgang, MD, FACS; Martin A. Makary, MD, FACS. Johns Hopkins University, Baltimore, MD, Medtronic, Mansfield, MA

DISCUSSANT: Rodrigo F. Alban, MD, FACS, *Orlando, FL*

Factors Influencing Delayed Hospital Presentation in Patients with Appendicitis
Anne P. Ehlers, MD; Frederick T. Drake, MD, MPH; Meera Kotagal, MD; Vlad V. Simianu, MD, MPH; Nidhi Agrawal, PhD, MBA; Susan Joslyn, PhD; David R. Flum, MD, FACS. University of Washington, Seattle, WA

DISCUSSANT: Joaquim M. Havens, MD, FACS, *Brookline, MA*

Impact of Surgeon Operative Volume on Positive Circumferential Resection Margins in Rectal Cancer
Jason B. Liu, MD; Jonah J. Stulberg, MD, PhD, MPH; Julia R. Berian, MD; Karl Y. Bilimoria, MD; David P. Winchester, MD, FACS; Clifford Y. Ko, MD, MSHS, FACS, FASCRS. American College of Surgeons, University of Chicago Hospitals, Northwestern University, Chicago, IL

DISCUSSANT: Joseph C. Carmichael, MD, FACS, FASCRS, *Orange, CA*

Reevaluating Failure to Rescue Following Colorectal Surgery as a Quality Metric: The Outcome Depends on the Surgeon More Than the Hospital
Christopher T. Aquina, MD; Adan Z. Becerra; Bradley J. Hensley, MD, MBA; Zhaomin Xu, MD; Christian P. Probst, MD; James C. Iannuzzi, MD, MPH; Katia Noyes, PhD, MPH; John R. Monson, MD, MB, BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester Medical Center, Rochester, NY

DISCUSSANT: Sean M. O'Neill, MD, PhD, *Los Angeles, CA*

Management of Reducible Ventral Hernias: The Cost-Effectiveness of Surgical Repair at Diagnosis vs. "Watchful Waiting"
Lindsey Wolf, MD; Julius Ejiofor, MD; Ye Wang, PhD; Myriam G. Hunink, MD, PhD; Adil H. Haider, MD, MPH, FACS; Douglas S. Smink, MD, MPH, FACS. Brigham and Women's Hospital, Harvard T.H. Chan School of Public Health, Boston MA

DISCUSSANT: Shirin Towfigh, MD, FACS, *Beverly Hills, CA*

Outcomes after Breast Cancer Surgery in Nursing Home Residents: A National Study
Victoria Tang, MD; Shoujun Zhao, PhD; W. John Boscardin, PhD; Christine Ritchie, MD, FACP; Emily Finlayson, MD, FACS. University of California, San Francisco, CA

DISCUSSANT: Sharon S. Lum, MD, FACS, *Loma Linda, CA*

A Rallying Cry for Weekend Warriors: Operative Timing and Outcomes for Adhesive Small Bowel Obstruction
Christopher T. Aquina, MD; Adan Z. Becerra; Bradley J. Hensley, MD, MBA; James C. Iannuzzi, MD, MPH; Christian P. Probst, MD; Zhaomin Xu, MD; Katia Noyes, PhD, MPH; John R. Monson, MD, MB, BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester Medical Center, NY

DISCUSSANT: Dennis Y. Kim, MD, *Redondo Beach, CA*

Association Between Preoperative Hemoglobin A1c, Postoperative Hyperglycemia, and Readmissions Following Gastrointestinal Surgery
Caroline E. Jones, MD; Laura A. Graham, MPH; Joshua Richman, MD, PhD; Robert H. Hollis, MD; Tyler S. Wahl, MD; Laurel A. Copeland, PhD; Melanie S. Morris, MD; Edith A. Burns, MD; Kamal Itani, MD; Mary T. Hawn, MD, FACS. University of Alabama, Birmingham

DISCUSSANT: Giana H. Davidson, MD, MPH, *Seattle, WA*

Shifting Risk Profiles: Trends in Mortality Risk in the ACS National Surgical Quality Improvement Program (NSQIP®) Cohort
Vamsi V. Alli, MD; Jie Yang, PhD; Jianjin Xu; Aurora D. Pryor, MD, FACS; Mark A. Talamini, MD, FACS; Dana A. Telem, MD, FACS. Stony Brook Medicine, NY

DISCUSSANT: Anne M. Stey, MD, *New York, NY*

Population-Based Trends of Thyroid Cancer in the Elderly Forecast the Demand for More Endocrine-Focused Surgeons Across the U.S.
Vikram D. Krishnamurthy, MD; Melissa Boltz, MBA; Judy Z. Jin, MD; Joyce J. Shin, MD, FACS; Eren Berber, MD, FACS; Allan Siperstein, MD. Cleveland Clinic, Cleveland, OH, Penn State Hershey Medical Center, Hershey

DISCUSSANT: Kyle A. Zanocco, MD, *Chicago, IL*

Survival Impact of Treatment Strategy for Stage IV Gastric Cancer
Erin K. Greenleaf, MD; Christopher S. Hollenbeak, PhD; Joyce Wong, MD. Penn State Hershey Medical Center, Hershey

DISCUSSANT: Maheswari Senthil, MB, BS, FACS, *Loma Linda, CA*

Surgical vs. Nonsurgical Management of Acute Cholecystitis in Nursing Home Patients
Sidney T. Le; Emily Finlayson, MD, FACS. University of California, San Francisco

DISCUSSANT: Elise H. Lawson, MD, MSHS, *Los Angeles, CA*

SF29 | 2:30-5:45 pm (T)
Trauma II/Basic Science

LOCATION: 151A

TRACK: TRA

MODERATORS:
Alicia M. Mohr, MD, FACS, *Newark, NJ*
David S. Heffernan, MB, BCh, *Providence, RI*

HMGB1 Expression on Platelet Derived Microparticles Promotes Deep Vein Thrombosis
Mitchell R. Dyer, MD; Qiwei Chen; Matthew D. Neal, MD; Sebastian Vogel, MD. University of Pittsburgh Medical Center, PA

DISCUSSANT: Moderator(s)

Autophagy and the NLRP3 Inflammasome Are Increased in Adipose Tissue during the Recovery Phase of Sepsis
Kristen T. Crowell, MD; David I. Soybel, MD, FACS; Charles H. Lang, PhD. Penn State University College of Medicine, Hershey

DISCUSSANT: Moderator(s)

Resuscitation with Lyophillized Plasma Is Safe and Provides Neuroprotection in a Long-Term Survival Model of Swine Subjected to Traumatic Brain Injury, Hemorrhagic Shock, and Polytrauma
Vahagn C. Nikolian, MD; Patrick E. Georgoff, MD; Peter J. Bruhn; Ihab Halaweish, MD; Kiril Chtraklin, DVM; Baihong Pan; Baoling Liu, MD; Yongqing Li, MD, PhD; Hasan B. Alam, MD, FACS. University of Michigan, Ann Arbor

DISCUSSANT: Moderator(s)

Valproic Acid Induces the NEUROD1 Transcriptional Program of Neurogenesis Following Traumatic Brain Injury
Patrick E. Georgoff, MD; Gerald Higgins, MD, PhD; Vahagn C. Nikolian, MD; Ted Bambakidis; Simone E. Dekker, MD; Martin Sillesen, MD, PhD; Brian Athey, PhD; Hasan B. Alam, MD, FACS. University of Michigan, Ann Arbor, MI

DISCUSSANT: Moderator(s)

Injury Inhibits CD4+ T Cell Reactivity
Anupamaa Seshadri, MD; Gabriel A. Brat, MD; Brian K. Yorkgitis; Joshua Keegan; James Dolan, MD; Ali Salim, MD, FACS; Reza Askari, MD, FACS; James A. Lederer, PhD. Brigham and Women's Hospital, Boston, MA

DISCUSSANT: Moderator(s)

Toll-Like Receptor Signaling as a Prognostic Tool in Trauma Patients
Marcus D. Darrabie; Jaewoo Lee, PhD; Jennifer Cheeseman; Alexander T. Limkakeng, MD; Steven N. Vaslef, MD, PhD; Bruce A. Sullenger, PhD; Allan D. Kirk, MD, PhD, FACS. Duke University Medical Center, Durham, NC

DISCUSSANT: Moderator(s)

Nrf2 Loss Increases Early Mortality in a Murine Burn Model
Lucas Sjeklocha; Rob Maile, PhD; Bruce Cairns, MD, FACS. University of North Carolina at Chapel Hill, Chapel Hill, NC

DISCUSSANT: Moderator(s)

Marked Inhibition of the Liver X-Receptor/Retinoid X-receptor (LXR/RXR) Pathway Is Seen in Post-Traumatic Patients with Hyper-Fibrinolysis
Peter Einersen, MD; Ernest E. Moore, MD, FACS; Kenneth L. Jones, PhD; Michael P. Chapman, MD; Hunter B. Moore, MD; Angela Sauaia, MD, PhD; Christopher C. Silliman, MD, PhD; Anirban Banerjee, PhD. Denver Health Medical Center Denver, CO, University of Colorado Denver, Aurora

DISCUSSANT: Moderator(s)

Reduction of Hypercatecholaminemia Restores Vascular Endothelial Growth Factor Expression and Improves Tissue Repair following Lung Injury
Tyler J. Loftus, MD; Ines Alamo, MD; Andrew J. Thomson; Kolenkode B. Kannan, PhD, MD; Harry N. Ramos; Elizabeth M. Whitley, DVM, PhD; Philip A. Efron, MD, FACS, FCCM; Alicia M. Mohr, MD, FACS. University of Florida, Gainesville

DISCUSSANT: Moderator(s)

Secondary Wound Necrosis Is Suppressed by Resolvin D2
Yuk M. Liu, MD; Yoshitaka Inoue, MD; Masayuki Otawara, MD; Yong-Ming Yu, MD; Philip H. Chang, MD, FACS; Ronald G. Tompkins, MD, FACS; Benjamin Vakoc, MD; Jeremy Goverman, MD, FACS; Daniel Irimia, MD. Massachusetts General Hospital, Boston

DISCUSSANT: Moderator(s)

Thrombin Provokes PAI-1 Release from Platelets
Benjamin Huebner, MD; Ernest E. Moore, MD, FACS; Hunter B. Moore, MD; Marguerite Kelher; Anirban Banerjee, PhD; Erik D. Peltz; Christopher C. Silliman, MD, PhD. University of Colorado, Aurora, Bonfils Blood Center, Denver Health Medical Center, CO

DISCUSSANT: Moderator(s)

Carbon Monoxide Attenuates Cutaneous Burn-Induced Microvascular Inflammation in Rat Mesenteric Venules
Jonathan Warren, MD; John G. Wood, PhD; Michael Moncure, MD, FACS; James M. Howard, MD, FACS. University of Kansas Medical Center, Kansas City

DISCUSSANT: Moderator(s)

Wednesday, October 19

SF30 | 8:00-9:30 am
Neurosurgery

LOCATION: 207A

TRACK: NEU
MODERATOR: George E. Vates, MD, FACS, *Rochester, NY*

Histone Deacetylase 6 Inhibition Attenuates Neuronal Cell Death Following Oxygen-Glucose Deprivation and Reoxygenation
Vahagn C. Nikolian, MD; Peter J. Bruhn; Patrick E. Georgoff, MD; Ihab Halaweish, MD; Baihong Pan; Baoling Liu, MD; Yongqing Li, MD, PhD; Hasan B. Alam, MD, FACS. University of Michigan, Ann Arbor

DISCUSSANT: Moderator(s)

Targeting Pediatric Medulloblastoma Tumor Initiating Cells With a Novel RXR Agonist, UAB30
Evan F. Garner, MD; Gregory K. Frian, MD; Laura L. Stafman, MD; Venkatram R. Atigadda, PhD; Jerry Stewart; Blake P. Moore; Clinton J. Grubbs, PhD; Donald Muccio, PhD; Elizabeth A. Beierle, MD, FACS. University of Alabama, Birmingham

DISCUSSANT: Moderator(s)

Pharmacologic Resuscitation Decreases Blood-Brain Barrier Permeability in a Porcine Model of Traumatic Brain Injury and Hemorrhagic Shock
Vahagn C. Nikolian, MD; Simone E. Dekker, MD; Ted Bambakidis; Peter J. Bruhn, MB; Patrick E. Georgoff, MD; Anuska V. Andjelkovic, MD, PhD; Baihong Pan; Baoling Liu, MD; Yonqing Li, MD, PhD; Hasan B. Alam, MD, FACS. University of Michigan, Ann Arbor

DISCUSSANT: Moderator(s)

Polyethylene Glycol Restores Axonal Conduction after Transection of Central Nerves
Ravinder Bamba, MD; David C. Riley; Richard B. Boyer, PhD; Robert B. Shack, MD; Wesley P. Thayer, MD, FACS. Vanderbilt University, Nashville, TN

DISCUSSANT: Moderator(s)

Malpractice Litigation of Traumatic Spinal Cord Injuries: A 30-Year Review of Case Law
Asad J. Choudhry, MB, BS; Nadeem N. Haddad, MD; Donald H. Jenkins, MD, FACS; Martin D. Zielinski, MD, FACS. Mayo Clinic, Rochester, MN

DISCUSSANT: Moderator(s)

Myofascial Flap Closures Decrease Cerebrospinal Fluid Leaks in Tethered Cord Patients
James C. Lee, MD; Connie M. Lu; Henry M. Spinelli, MD, FACS; Jason A. Spector, MD, FACS; David M. Otterburn, MD. NewYork-Presbyterian Hospital/Weill Cornell Medical Center, NY

DISCUSSANT: Moderator(s)

Isolated Transverse and Spinous Process Fractures of the Cervical Spine: Answer Is the Same—Call Physical Therapy and Not Spine!
Joanelle Bailey, MD; Lindsay J. Lynch; Kory Heiken; David H. Livingston, MD, FACS. Rutgers - New Jersey Medical School, Newark

DISCUSSANT: Moderator(s)

SF31 | 8:00-9:30 am
Trauma III/Geriatric Trauma

Ⓣ

LOCATION: 207B

TRACK: TRA
MODERATORS:
Bellal Joseph, MD, FACS, *Tucson, AZ*
Zara Cooper, MD, FACS, *Boston, MA*

Geriatric Pelvic Trauma: An Underestimated Injury Pattern in a Vulnerable Population
Eleanor A. Fallon, MD; Aaron L. Harman, MD; Hector Nunez; Daithi J. Heffernan, MD; Sean F. Monaghan, MD; Charles A. Adams, Jr., MD, FACS, FCCM; William G. Cioffi, Jr., MD, FACS; Andrew H. Stephen, MD, FACS. Brown University/ Rhode Island Hospital, Providence

DISCUSSANT: Herbert A. Phelan III, MD, *Dallas, TX*

Are Advanced Age Patients on Anticoagulation or Antiplatelet Therapy Who Suffer Low-Altitude Falls More Likely to Benefit from Repeat Head Computed Tomography?
John M. Ruggero, DO; Zachary M. Bauman; MHA; Scott Barnes; Peter P. Lopez, MD, FACS. Henry Ford Macomb Hospital, Clinton Township, MI

DISCUSSANT: Andrew C. Bernard, MD, FACS, *Lexington, KY*

Pan-Scanning for Ground Level Falls in the Elderly: Really?
Joshua M. Mark, MD; Rajesh R. Gandhi, MD, PhD; Elizabeth L. Price; Jessica L. Phillips, MPH; Michael Collyer, PhD; Therese M. Duane, MD, MBA, FACS, FCCM. John Peter Smith Health Network, Fort Worth, Baylor University Medical Center, Dallas, TX

DISCUSSANT: Sasha D. Adams, MD, *Chapel Hill, NC*

Sarcopenia Is a Risk Factor for Complications and an Independent Predictor of Hospital Length of Stay in Trauma Patients
James P. De Andrade, MD; Mark Pedersen, MD; Terry J. Henry, MD; Luis J. Garcia, MD, FACS; Peter N. Nau, MD. University of Iowa Hospitals and Clinics, Iowa City

DISCUSSANT: Karen J. Brasel, MD, FACS, *Portland, OR*

Predicting In-Hospital and One-Year Mortality in Geriatric Trauma Patients Using Geriatric Trauma Outcome Score
Rebecka Ahl, MD; Herb A. Phelan, MD, FACS; Sinan SD Dogan, MD; Louis Riddez, MD, PhD; Yang YC Cao, PhD; Allyson C. Cook, MD; Shahin Mohseni, MD, PhD. Karolinska University Hospital Stockholm, Sweden, University of Texas Southwestern Medical Center, Dallas

DISCUSSANT: Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Functional Recovery in Elderly After Trauma: The Impact of Frailty
Ahmed Hassan, MD; Peter M. Rhee, MD, MPH, FACS, FCCM; Kareem Ibraheem, MD; Tahereh O. Jokar, MD; Andrew L. Tang, MD, FACS; Terence O'Keeffe, MB, ChB, FACS; Narong Kulvatunyou, MD, FACS; Mindy J. Fain, MD; Jane Mohler, MPH; Bellal Joseph, MD, FACS. University of Arizona, Tucson

DISCUSSANT: Michael F. Ditillo, DO, *New Haven, CT*

SF32 | 8:00-11:15 am
Colon and Rectal Surgery III

LOCATION: 146A

TRACK: CRS
MODERATORS:
Alan J. Herline, MD, FACS, *Nashville, TN*
Jason F. Hall, MD, MPH, FACS, *Burlington, MA*

Variation in Use of a Minimally Invasive Approach for Colectomy: Time to Teach Old Dogs New Tricks?
Christopher T. Aquina, MD; Christian P. Probst, MD; Bradley J. Hensley, MD, MBA; Adan Z. Becerra; Zhaomin Xu, MD; James C. Iannuzzi, MD, MPH; Katia Noyes, PhD, MPH; John R. Monson, MD, MB, BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester Medical Center, NY

DISCUSSANT: Moderator(s)

Does Bowel Preparation for Inflammatory Bowel Disease Surgery Matter?
Chaya Shwaartz, MD; Adam Fields; Maximiliano Sobrero; Edward H. Chin, MD, FACS; Scott Q. Nguyen, MD, FACS; Linda P. Zhang, MD; Celia M. Divino, MD, FACS. Icahn School of Medicine, New York, NY

DISCUSSANT: Moderator(s)

Racial Disparities for Minority Patients with Stomas Persist Even After Adjustment for Social Determinants of Health
Drew J. Gunnells, Jr., MD; Daniel I. Chu, MD; Allison A. Gullick; Melanie S. Morris, MD. University of Alabama, Birmingham

DISCUSSANT: Moderator(s)

In-Vivo and Ex-Vivo Sentinel Node Mapping Does Not Identify the Same Lymph Nodes in Colon Cancer
Helene S. Andersen; Astrid LB Bennedsen; Stefan K. Burgdorf, PhD, MD; Jens R. Eriksen, PhD, MD; Susanne Eiholm, MD; Anders Toxvaard, MD; Lene Riis, PhD, MD; Jacob Rosenberg, MD, FACS; Ismail Goegenur, MD. Zealand University Hospital, Koege, Denmark

DISCUSSANT: Moderator(s)

Does Your Team Matter? A Social Network Analysis of Enhanced Recovery After Surgery
Andrew Hanna; Michael C. Grant, MD; Deborah B. Hobson; Andrew Benson; Susan L. Gearhart, MD, FACS; Jonathan E. Efron, MD, FACS; Jerry Stonemetz, MD; Christopher Wu, MD; Elizabeth C. Wick, MD, FACS. Johns Hopkins School of Medicine, Baltimore, MD

DISCUSSANT: Moderator(s)

Development of a Clinically-Actionable, Longitudinal Incisional Hernia Risk Model Following Colectomy Surgery Using All-Payor Claims Data
Michael A. Lanni; Michael G. Tecce; Yenchih Hsu; Rachel R. Kelz, MD, FACS; Justin P. Fox, MD, MHS; John P. Fischer, MD. University of Pennsylvania, Philadelphia

DISCUSSANT: Moderator(s)

Cost Benefit of Implementing Enhanced Recovery After Surgery Program in Colorectal Surgery: A Single Institution Study
Piyush Aggarwal, MB, BS; Tonia M. Young-Fadok, MD, FACS. Mayo Clinic, Phoenix, AZ

DISCUSSANT: Moderator(s)

Comparison of Surgical Incision Complete Closure vs. Leaving Skin Open (SILSO) in Wound Class III and IV in Emergent Colon Surgery: Analysis Using the Targeted Colectomy ACS National Surgical Quality Improvement Program (ACSNSQIP®) Database
Anand Dayama, MD; Sumit Kumar, MB, BS; Catherine A. Fontecha, MD; Ahmed Mahmoud, MD. San Joaquin General Hospital, French Camp, CA

DISCUSSANT: Moderator(s)

Higher Surgical Morbidity and Mortality for Ulcerative Colitis Patients in the Era of Biologics
Jonathan S. Abelson, MD; Heather Yeo, MD; Jialin Mao, MD; Art Sedrakyan, MD, PhD; Fabrizio Michelassi, MD, FACS. New York Presbyterian Hospital – Weill Cornell Medicine, NY

DISCUSSANT: Moderator(s)

Emergency Colectomy for Medicare Beneficiaries Admitted to Critical Access Hospitals
Andrew M. Ibrahim, MD; Scott E. Regenbogen, MD, FACS; Jyothi R. Thumma, MPH; Justin B. Dimick, MD, MPH, FACS. University of Michigan, Ann Arbor, MI

DISCUSSANT: Moderator(s)

The Use of Subcutaneous Drains After Reversal of Ileostomy and Colostomy: A Preliminary Single-Center Study
Geoffrey Bellini, MD; Elie Sutton, MD; Linda Njoh; Vesna Cekic; Ziad Kronfol, MD; Brett Howe, MD; Amanda Feigel, MD; Richard L. Whelan, MD, FACS, FASCRS. Mount Sinai West-St. Luke's, New York, NY

DISCUSSANT: Moderator(s)

Mortality After Emergency Hartmann's Procedure in Octogenarians: A Propensity Score Matched Analysis
Ian C. Bostock, MD; Maureen V. Hill, MD; Stefan D. Holubar, MD, FACS, FASCRS; Srinivas J. Ivatury, MD. Dartmouth Hitchcock Medical Center, Lebanon, NH

DISCUSSANT: Moderator(s)

SF33 | 8:00-11:15 am
General Surgery II

LOCATION: Ballroom B

TRACK: GEN

MODERATORS:
George P. Yang, MD, PhD, FACS, *Stanford, CA*
Robert W. O'Rourke, MD, FACS, *Ann Arbor, MI*

Long Non-Coding RNA Lethe Decreases Hyperglycemia-Induced ROS in Macrophages
Junwang Xu, PhD; Maggie M. Hodges, MD; Carlos Zgheib, PhD; Junyi Hu, MD; Kenneth W. Liechty, MD, FACS, FAAP. University of Colorado Anschutz Medical Campus, Aurora, CO

DISCUSSANT: Krishnan Raghavendran, MB, BS, FACS, *Ann Arbor, MI*

Stromal Cell Derived Factor-1 Alpha (SDF-1α) Corrects the Dysregulation of MicroRNA-146a, -15b, and 29a in Human Diabetic Dermal Fibroblasts
Maggie M. Hodges, MD; Carlos Zgheib, PhD; Junwang Xu, PhD; Junyi Hu, MD; Kenneth W. Liechty, MD, FACS, FAAP. University of Colorado-Denver, Aurora, CO

DISCUSSANT: Timothy L. Frankel, MD, *Bethesda, MD*

Differences in Mechanoluminal Stimulation Affect intestinal Adaptation in a New Murine Ileostomy Model
Minna Wieck, MD; Ashley E. Hilton; Tracy C. Grikscheit, MD, FACS. Children's Hospital, Los Angeles, CA

DISCUSSANT: Kasper S. Wang, MD, FACS, *Los Angeles, CA*

COX-2 Inhibitor, Rofecoxib, Blocks Ursodeoxycholic Acid-Induced Enterocyte Migration in Experimental Peritonitis
Jamie Golden, MD; Oswaldo H. Escobar; Laura Illingworth; Nicole Jones; Henri R. Ford, MD, FACS; Christopher P. Gayer, MD, PhD, FACS. Children's Hospital, Los Angeles, CA

DISCUSSANT: Michael J. Morowitz, MD, *Pittsburgh, PA*

EP2 Receptor Blockade Protects Against Intestinal Barrier Breakdown in Experimental Peritonitis
Jamie Golden, MD; Laura Illingworth; Nicole Jones; Jordan D. Bowling, MD; Oswaldo H. Escobar; Brandon Bell; Mubina Isani, MD; Christopher P. Gayer, MD, PhD, FACS; Anatoly V. Grishin, PhD; Henri R. Ford, MD, FACS. Children's Hospital, Los Angeles, CA

DISCUSSANT: Mohamed R. Ali, MD, FACS, *Sacramento, CA*

Objective Assessment of Myofascial Medialization Following Posterior Component Separation via Transversus Abdominis Muscle Release
Arnab Majumder, MD; Heidi J. Miller, MD, MPH; Victor Sandoval, MD; Mojtaba Fayezizadeh, MD; Yuxiang Wen; Yuri W. Novitsky, MD, FACS. University Hospitals Case Medical Center, Cleveland, OH

DISCUSSANT: Jacob A. Greenberg, MD, FACS, *Madison, WI*

MODERATORS:
Laura J. Moore, MD, FACS, *Houston, TX*
Amir A. Ghaferi, MD, FACS, *Ann Arbor, MI*

Predictors of Mortality Following Emergency General Surgery: A National Surgical Quality Improvement Program Risk Calculator
Ivy N. Haskins, MD; Patrick J. Maluso, MD; Richard Amdur, PhD; Samir Agarwal, MD, FACS, FASCRS; Babak Sarani, MD, FACS. George Washington University, Washington, DC

DISCUSSANT: Jonah J. Stulberg, MD, *Cleveland, OH*

Validation of the ACS National Surgical Quality Improvement Program (NSQIP®) Surgical Risk Calculator in Emergency General Surgical Patients
Andrea Long, MD; Preston R. Miller, MD; Patrick Davis, MD; Ashley T. Badger, MD; Rebecca Ur, MD; Amy N. Hildreth, MD, FACS. Wake Forest School of Medicine, Winston-Salem, NC

DISCUSSANT: Moderator(s)

The ACS National Surgical Quality Improvement Project (NSQIP®) Risk Calculator Has Limited Utility for Preoperative Counseling of Emergency General Surgery Patients
Amy N. Hildreth, MD, FACS; Kelsey Fletcher; Antonio B. Nunes; Amelia Y. Merrill, MD; Preston R. Miller, MD, FACS. Wake Forest School of Medicine, Winston-Salem, NC

DISCUSSANT: Nicholas H. Osborne, MD, *Ann Arbor, MI*

Does the Emergency Surgery Acuity Score Accurately Predict Outcomes in Emergent Laparotomies?
Thomas Peponis, MD; Jordan D. Bohnen, MD, MBA; Naveen F. Sangji, MD; Anirudh R. Nandan; Myriam M. Martinez-Aguilar, MD; Kelsey Han; Marc de Moya, MD, MPH; George C. Velmahos, MD, PhD, FACS; David C. Chang, PhD, MBA, MPH; Haytham M. Kaafarani, MD, MPH, FACS. Massachusetts General Hospital, Boston

DISCUSSANT: Moderator(s)

Readmission Is the Greatest Burden on Post-Discharge Cost to the Elderly Following Emergency General Surgery
Gilgamesh Eamer, MD; Fiona Clement, PhD; Jenelle L. Pederson; Thomas A. Churchill, PhD; Rachel G. Khadaroo, MD, PhD, FRCSC. University of Alberta, Edmonton, University of Calgary, AB

DISCUSSANT: Moderator(s)

Characterizing Postoperative Function in Frail Emergency Abdominal Surgery Patients
Alyssa D. McComb; Quinn Daviduck; Lindsey M. Warkentin; Thomas A. Churchill, PhD; Margaret L. McNeely, PhD; Rachel G. Khadaroo, MD, PhD, FRCSC. University of Alberta, Edmonton

DISCUSSANT: Moderator(s)

Failure to Rescue Score to Predict Failure-to-Rescue in Geriatric Emergency General Surgery Patients
Asad Azim, MD; Peter M. Rhee, MD, MPH, FACS, FCCM; Ansab Haider, MD; Hasnain Afzal, MD; Terence O'Keeffe, MB, ChB, FACS; Lynn M. Gries, MD; Gary A. Vercruysse, MD, FACS; Andrew L. Tang, MD, FACS; Narong Kulvatunyou, MD, FACS; Bellal Joseph, MD, FACS. University of Arizona, Tucson

DISCUSSANT: Moderator(s)

SF34 | 8:00-11:15 am
Surgical Education III

LOCATION: 102

TRACK: EDU

MODERATORS:
Michael O. Meyers, MD, FACS, *Chapel Hill, NC*
Mary K. Kimbrough, MD, FACS, *Little Rock, AR*

First Study Assessing New Residency Graduate Entering Clinical Practice
Armin Kamyab, MD. Cox Monett Hospital, Monett, MO

DISCUSSANT: Frederick R. Bentley, MD, FACS, *Little Rock, AR*

Speed Mentoring: An Innovative Method to Meet the Needs of Young Surgeon
Rebecca C. Britt, MD, FACS; Amy N. Hildreth, MD, FACS; Shannon Acker, MD; Nicolas J. Mouawad, MD, MPH, MBA; Josh Mammen, MD, FACS; Jacob Moalem, MD, FACS. Eastern Virginia Medical School, Norfolk

DISCUSSANT: Moderator(s)

How Competent in Vascular Exposure and Fasciotomy Are Residents After Training?
Colin F. Mackenzie, MD; Adam C. Puche, PhD; Hegang Chen, PhD; Kristy Pugh; Sharon M. Henry, MD, FACS; Samuel A. Tisherman, MD, FACS; Stacy A. Shackelford, MD, FACS; Mark W. Bowyer, MD, FACS. University of Maryland, Baltimore, MD, George Washington University, Washington, DC, Uniformed Services University of the Health Sciences (USUHS), Bethesda, MD

DISCUSSANT: Moderator(s)

Surgical Residency Is a Critical Step in Developing an Expertise in Endocrine Surgery
Lindsay Kuo, MD, MBA; Kristina D. Simmons, MD, PhD; Karole Collier; Heather Wachtel, MD; Giorgos Karakousis, MD; Douglas L. Fraker, MD, FACS; Rachel R. Kelz, MD, FACS. Hospital of the University of Pennsylvania, Philadelphia

DISCUSSANT: Anne T. Mancino, MD, FACS, *Little Rock, AR*

Is Undergraduate Surgical Education Enough, and How Could We Improve it? The International Wet Lab Course Paradigm
Michail Sideris, MD; Apostolos Papalois, PhD; Ioannis Dimitropoulos; Elizabeth Johnson; Efstratia-Maria S. Georgopoulou; Nikolaos Staikoglou; Georgios Paparidamis; Eleftherios Tsiridis; Georgios Zografos; Georgios Tsoulfas, MD, FACS. Experimental Research Centre ELPEN, Athens, Greece

DISCUSSANT: Andrew J. Russ, MD, *Knoxville, TN*

Utility of a Standardized Fourth-Year Medical Student Surgical Preparatory Curriculum: Program Director Perceptions
Melissa Stewart, MD; Rebecca Henry, PhD; Kyla P. Terhune, MD, FACS. Vanderbilt University, Nashville, TN

DISCUSSANT: Leander M. Grimm, MD, FACS, *Mobile, AL*

MODERATORS:
Catherine M. Wittgen, MD, FACS, St. Louis, MO
Eric L. Lazar, MD, FACS, Morristown, NJ

Tackling the Surgical Clerkship Assessment Form: A Piloted Form to Improve Use and Increase Feedback Comments
Kwame S. Amankwah, MD, FACS; Rebecca Bellini; Mariah K. Fisher, MD, FACS. State University of New York at Syracuse

DISCUSSANT: Moderator(s)

Synthetic Skin vs. Human Tissue for Medical Student Suture Education: A Randomized Controlled Trial
Jared A. Blau; Ronnie L. Shammas; Kate J. Buretta, MD; Rachel A. Anolik, MD; Yash J. Avashia, MD; Michael R. Zenn, MD, MBA, FACS. Duke University, Durham, NC

DISCUSSANT: Roger H. Kim, MD, FACS, *Shreveport, LA*

Effects of Incorporating the Extended Focused Assessment with Sonography for Trauma Training into the Third-Year Medical Student Surgical Clerkship
Cassandra C. Krause; Reed F. Krause; Nephtali R. Gomez, MD; Vi A. Dinh, MD. Loma Linda University, CA

DISCUSSANT: Moderator(s)

Mirrored Triangulation: A Methodology for the Audiovisual Analysis of Surgical Team Performance
R Serene S. Perkins, MD, FACS; Cassandra Tomczak; Randy Armstrong; P. Ashley Wackym, MD; Douglas N. Beaman, MD. Legacy Institute for Surgical Education and Innovation, Legacy Research Institute, Summit Orthopedics, Portland, OR

DISCUSSANT: Moderator(s)

Standardized Patient Handoffs in the Intensive Care Unit: A Resident-Led Clinically-Integrated Quality Improvement Program
Lacey N. LaGrone, MD, MPH; Brodie Parent, MD; Jonathan M. Keller, MD; Peter T. Serina, MD, MPH; Cameron E. Gaskill, MD; Mohamed T. Albirair, MB, BS, MPH; Joseph Cuschieri, MD; Patricia A. Kritek, MD; Lorrie A. Langdale, MD, FACS. University of Washington, Seattle

DISCUSSANT: Jon D. Simmons, MD, *Mobile, AL*

Handoffs: What Residents Seek in Safe Transitions of Care
Meredith Barrett, MD; David Turer, MD; David T. Hughes, MD, FACS; Gurjit Sandhu, PhD. University of Michigan, Ann Arbor

DISCUSSANT: Kwame S. Amankwah, MD, FACS, *Syracuse, NY*

SF35 | 8:00-11:15 am
Surgical Oncology II

LOCATION: 202B

TRACK: ONC

MODERATORS:
Steven J. Hughes, MD, FACS, *Gainesville, FL*
Nipun B. Merchant, MD, FACS, *Miami, FL*

Recombinant Thrombomodulin Suppresses Tumor Growth of Pancreatic Cancer by Blocking Thrombin-Induced NF-κB Activation
Yoshihiro Shirai, MD, PhD; Hiroaki Shiba; Tadashi Uwagawa, MD, PhD; Yohta Shimada; Takashi Horiuchi, MD; Nobuhiro Saito, MD; Hiroshi Sugano; Kenei Furukawa, MD, PhD; Toya Ohashi, MD; Katsuhiko Yanaga, MD, PhD, FACS. The Jikei University School of Medicine, Tokyo, Japan

DISCUSSANT: Moderator(s)

Inhibition of Sonic Hedgehog Signaling Pathway: A Novel Preventive Approach for Esophageal Adenocarcinoma
Amir M. Ansari, MD; Tomoharu Miyashita; Frank E. Lay; A. Karim Ahmed; Christopher Ng; Calver Pang, MB, ChB; Ken-ichi Mukaisho; Elizabeth Montgomery, MD; Ronan J. Kelly, MBA, MB, BCh, MD; John W. Harmon, MD, FACS. Johns Hopkins University, Baltimore, MD

DISCUSSANT: Moderator(s)

Triptolide in Combination With Low-Dose Gemcitabine and Nab-Paclitaxel: A Novel Effective Combination Chemotherapy Regimen for Pancreatic Cancer
Shrey Modi, MB, BS; Bhuwan Giri, MB, BS; Bharti Garg, PhD; John George, MB, BS; Vrishketan Sethi, MB, BS; Sulagna Banerjee, PhD; Vikas Dudeja, MD; Ashok Saluja, PhD. University of Miami, FL

DISCUSSANT: Moderator(s)

Platelet-Derived Growth Factor Receptor Alpha (PDGFR-α) Promotes Cancer Stem-Like Cell Phenotypes in Sarcomas Including Metastasis and Chemotherapy Resistance
Kevin K. Chang, MD; Changhwan Yoon, PhD; William D. Tap, MD; Sam S. Yoon, MD, FACS. Memorial Sloan Kettering Cancer Center, New York, NY

DISCUSSANT: Moderator(s)

NFκB p50 Subunit in Stellate-Cells Actively Modulates Cancer Growth in Mouse Models of Pancreatic Cancer
Bhuwan Giri, MB, BS; Bharti Garg, PhD; Shrey Modi, MB, BS; John George, MB, BS; Vrishketan Sethi, MB, BS; Sulagna Banerjee, PhD; Ashok Saluja, PhD; Vikas Dudeja, MD. University of Miami, Miami, FL

DISCUSSANT: Moderator(s)

Dickkopf-1 (DKK-1) as a Novel Biomarker and Therapeutic Target in Barrett-Associated Esophageal Adenocarcinoma
Orestis Lyros, MD, PhD; Ann-Kristin Lamprecht; René Thieme; Linghui Nie; Katharina Goetzel; Mario Gasparri, MD; George Haasler; Parvaneh Rafiee; Reza Shaker; Ines IG Gockel, MD. University Hospital Leipzig, Germany, Medical College of Wisconsin, Milwaukee, WI

DISCUSSANT: Moderator(s)

Epidermal Growth Factor Receptor Inhibition Decreases Macrophage-Promoted Invasion in Osteosarcoma
Caroline W. Maloney, MD; Marc Symons, PhD; Bettie M. Steinberg, PhD; Samuel Z. Soffer, MD. The Elmezzi Graduate School of Molecular Medicine, Feinstein Institute for Medical Research, Manhasset NY, Cohen Children's Medical Center, Northwell Health, New Hyde Park, NY

DISCUSSANT: Moderator(s)

Cancer-Stromal Cross Talk Augments Pancreatic Cancer Growth That Is Effectively Inhibited by Triptolide
Shrey Modi, MB, BS; Bhuwan Giri, MB, BS; John George, MB, BS; Bharti Garg, PhD; Vrishketan Sethi, MB, BS; Sulagna Banerjee, PhD; Vikas Dudeja, MD; Ashok Saluja, PhD. University of Miami, Miami, FL

DISCUSSANT: Moderator(s)

Rapid and Sensitive KRAS Mutation Detection from EUS-FNA Samples in Pancreas Cancer Utilizing Digital PCR
Shonan Sho, MD; Colin M. Court, MD; James S. Tomlinson, MD, PhD, FACS. University of California, Los Angeles

DISCUSSANT: Moderator(s)

Cytokines in Pediatric and Adult Melanoma
William P. Hewgley; Walter H. Lang, PhD; Christopher L. Morton; John A. Sandoval, MD. St. Jude Children's Research Hospital, Memphis, TN

DISCUSSANT: Moderator(s)

Selective Histone Acetylation Inhibitors Reduce Pancreatic Cancer Cell Growth and Induces Apoptosis via Downregulating the NFKB Pathway
Bhuwan Giri, MB, BS; Shrey Modi, MB, BS; John George, MB, BS; Vrishketan Sethi, MB, BS; Bharti Garg, PhD; Sulagna Banerjee, PhD; Mahender K. Singh, PhD; Ashok Saluja, PhD; Vikas Dudeja, MD. University of Miami, Miami

DISCUSSANT: Moderator(s)

SF36 | 9:45-11:15 am
Transplantation and Tissue Engineering II

LOCATION: 202A

TRACK: BTR
MODERATOR: Rolf N. Barth, MD, FACS, *Baltimore, MD*

Decellularized Intestinal Scaffolds Support the Survival, Migration, and Differentiation of Enteric Neuronal Progenitor Cells
Dana Schwartz, MD; Nandor Nagy, PhD; Lily S. Cheng, MD; Kentaro Kitano, MD, PhD; Harald C. Ott, MD; Allan M. Goldstein, MD, FACS. Massachusetts General Hospital, Boston

DISCUSSANT: Moderator(s)

Regeneration of Villus-Like Structures in Human and Murine Tissue-Engineered Intestine Occurs Through Smooth Muscle-Independent Reactivation of Villus-Cluster Gene Expression
Christopher R. Schlieve, MD; Kathy Schall, MD; Kathryn L. Fowler; Ibrahim Hajjali, MD; Xiaogang Hou, PhD; Tracy C. Grikscheit, MD, FACS. Children's Hospital, Los Angeles, CA

DISCUSSANT: Moderator(s)

Tissue-Engineered Lung and Airways Develop from Primary Human and Murine Postnatal Progenitor Cells
Andrew C. Trecartin, MD; Ryan G. Spurrier, MD; Christopher R. Schlieve, MD; Michael Hiatt, PhD; David Warburton, MD; Barbara Driscoll, PhD; Denise Al Alam, PhD; Tracy C. Grikscheit, MD, FACS. Children's Hospital, Los Angeles, CA

DISCUSSANT: Moderator(s)

Optimizing Recellularization of Decellularized Whole-Liver Graft: From Which Route and With Which Cell?
Satoshi Ogiso, MD; Kentaro Yasuchika, MD, PhD; Ken Fukumitsu; Takamichi Ishii, MD, PhD; Hidenobu Kojima, MD; Ryoya Yamaoka, MD; Hokahiro Katayama; Sadahiko Kita, MD; Takayuki Kawai, MD; Shinji Uemoto, MD, PhD. Kyoto University, Japan

DISCUSSANT: Moderator(s)

Facilitated Self-Assembly of Pre-Vascularized Tissue Engineered Constructs
Ross H. Weinreb; Kerry A. Morrison; Julia Jin; Xue Dong; Omer Kaymakcalan, MD; Rachel M. Akintayo, MD; Sushmita Mukherjee, PhD; Jason A. Spector, MD, FACS. Weill Cornell Medical Center, New York, NY

DISCUSSANT: Moderator(s)

Bio-Artificial Liver Generation Using Multilineage Xenogenic and Heterogenic Cells
Wessam A. Hassnein, MD; Mehmet C. Uluer, MD; Jhade D. Woodall, MD; Urmil Dhru; Arielle Cimeno, MD; Dawn M. Parsell; Carlos Rivera-Pratts; Cinthia B. Drachenberg, MD; Rolf N. Barth, MD, FACS; John C. LaMattina, MD, FACS. University of Maryland, Baltimore

DISCUSSANT: Moderator(s)

SF37 | 2:30-4:00 pm
Colon and Rectal Surgery IV

LOCATION: Ballroom B

TRACK: CRS
MODERATORS:
Kelli B. Dunn, MD, FACS, *Louisville, KY*
Matthew F. Kalady, MD, FASCRS, FACS, *Cleveland, OH*

The Pharmacological Effects of Chloroquine Phosphate on Anal Carcinogenesis
Darcy Knaack; Alexis Romero; Louise M. Meske; Evie Carchman, MD. University of Wisconsin, Madison

DISCUSSANT: Moderator(s)

Expression and Prognostic Significance of E-Cadherin in Patients with Colorectal Adenocarcinoma: Results from a Retrospective Study
Georgios Veloudis, MD, PhD, FACS; Stavros Gourgiotis, MD, PhD, FACS; Constantinos A. Villias, MD, FACS; Evangelos Falidas, MD; Ioannis Karavokyros; Emmanouel Pikoulis. 417 NIMTS Military Veterans' Fund Hospital, Laikon General Hospital, Athens, Greece

DISCUSSANT: Moderator(s)

Comparison of the Expression of Metalloproteinases and Their Tissue Inhibitors in Ulcerative Colitis and Colon Diverticulitis
Zoltan Nemeth, MD, PhD; Patricia Barratt-Stopper; Addison S. Hicks; Louis T. Difazio, Jr., MD, FACS; Rolando H. Rolandelli, MD, FACS. Morristown Medical Center, NJ

DISCUSSANT: Moderator(s)

Searching for the Genetic Determinants Affecting Diverticulitis Disease Phenotype
Christine S. Choi, MD; Audrey L. Stokes, MD; Bryan Kline, MD; Jeffrey S. Chen; Arthur Berg, PhD; Leonard R. Harris III; Sue Deiling; Walter A. Koltun, MD, FACS, FASCRS. Pennsylvania State University College of Medicine, Hershey, PA

DISCUSSANT: Moderator(s)

Enhanced Recovery Program after Colorectal Surgery Reduces Postoperative Ileus Involving the COX Pathway
Aurelien Venara, MD; Emilie Duchalais; Anne AD Dariel, MD; Julien Barbieux, MD; Malvyne Rolli-Derkinderen, PhD; Antoine Hamy, MD; Guillaume Meurette; Michel Neunlist. University Hospital of Angers, Inserm U913–Faculty of Medicine, University Hospital of Nantes, France

DISCUSSANT: Moderator(s)

Passive Hyperspectral Sensing Reliably Identifies Colorectal Cancer in Intraoperative Colon Specimens
Robert Beaulieu, MD; Seth D. Goldstein, MD, MPhil; Amit Banerjee, PhD; Bashar Safar, MD; Nita Ahuja, MD, FACS. Johns Hopkins Hospital, Baltimore, MD, Johns Hopkins University Applied Physics Laboratory, Laurel, MD

DISCUSSANT: Moderator(s)

SF38 | 2:30-4:00 pm
Surgical Education IV

LOCATION: 143BC

TRACK: EDU
MODERATORS:
Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*
Sherilyn G. Burroughs, MD, FACS, *Houston, TX*

Why Surgical Residents Get Sued
Cornelius Thiels, DO, MBA; Asad J. Choudhry, MB, BS; Elizabeth B. Habermann, PhD, MPH; Martin D. Zielinski, MD, FACS. Mayo Clinic, Rochester, MN

DISCUSSANT: K. Kristene Koontz Gugliuzza, MD, FACS, *Galveston, TX*

The Patient Perspective of Surgeons, Surgical Training, and Care Continuity
Rebecca L. Hoffman, MD; Rachel R. Kelz, MD, FACS. University of Pennsylvania, Philadelphia

DISCUSSANT: Joseph D. Love, DO, FACS, *Houston, TX*

Loan Forgiveness Participation Among U.S. Medical Graduates Pursuing a Career in General Surgery
Justin A. Grischkan; Christopher T. Aquina, MD; E. Ray Dorsey, MD, MBA; Benjamin P. George, MD, MPH. University of Rochester School of Medicine and Dentistry, NY

DISCUSSANT: Lori L. Wilson, MD, FACS, *Washington, DC*

African Americans and Hispanics Remain Dramatically Underrepresented Among Surgical Trainees and Academic Surgeons
Jonathan S. Abelson, MD; Patrick Dolan, MD; Tracy-Ann Moo, MD; Anthony C. Watkins, MD, FACS; Heather Yeo, MD. New York Presbyterian Hospital - Weill Cornell Medicine, NY

DISCUSSANT: Moderator(s)

Evaluation of a Statewide Surgical Coaching Program for Continuing Professional Development
Lane L. Frasier, MD; Hala N. Ghousseini, PhD; Heather L. Beasley, PhD; Sudha R. Pavuluri Quamme, MD; Nicole A. Brys, MPH; Douglas Wiegmann, PhD; Caprice C. Greenberg, MD, MPH, FACS. University of Wisconsin, Madison

DISCUSSANT: Dhiresh Rohan Jeyarajah, MD, FACS, *Dallas, TX*

Research at Academic and Community Surgical Residencies: Results of a National Survey of Surgical Residents
Luke V. Selby, MD; Sabha Ganai, MD, PhD, FACS; Lawrence A. Shirley, MD; Andrew S. Wright, MD, FACS; Alan E. Harzman, MD, FACS; Amir Ghaferi, MD; Jeffrey B. Matthews, MD, FACS. University of Colorado Denver; Southern Illinois University, Springfield; The Ohio State University, Columbus

DISCUSSANT: Valentine N. Nfonsam, MD, FACS, *Tucson, AZ*

SF39 | 2:30-5:45 pm
Breast

LOCATION: 202B

TRACKS: GEN, ONC
MODERATOR: Sarah L. Blair, MD, FACS, *La Jolla, CA*

Inhibition of the PI3K Pathway by T-DM1 and its Maytansinoid-Conjugate
Mustafa Raoof, MD; Yuan Yuan, MD, PhD; Wei Wen; Jin Yan; Quanhua Xing; Ernest Han; John H. Yim, MD, FACS. City of Hope National Medical Center, Duarte, CA

DISCUSSANT: Elizabeth A. Mittendorf, MD, PhD, FACS, *Houston, TX*

Mastectomy and Immediate Breast Reconstruction for Cancer in the Elderly: A National Cancer Data Base Study
Waleed Gibreel, MB, BS; Courtney N. Heins; Tanya L. Hoskin; Judy C. Boughey, MB, BChir, FACS; Elizabeth B. Habermann, PhD, MPH; Tina J. Hieken, MD, FACS. Mayo Clinic, Rochester, MN

DISCUSSANT: Julia C. Tchou, MD, PhD, *Philadelphia, PA*

Cost-Effective Analysis of Near-Infrared (NIR) vs. Radiotracer for Sentinel Lymph Node Biopsy in Breast Cancer
Fernando Dip, MD; Jorge Falco, MD, PhD; Manuel R. Montesinos, MD, FACS; Martin De La Fuente, MD; Raul J. Rosenthal, MD, FACS. Hospital de Clinicas/IADT, Buenos Aires, Argentina, Cleveland Clinic Florida, Weston

DISCUSSANT: Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

Use of Surveillance Breast Imaging after Treatment for Locoregional Breast Cancer
Taiwo Adesoye, MD; Jessica R. Schumacher, PhD; Heather B. Neuman, MD, FACS; Stephen B. Edge, MD, FACS; Daniel P. McKellar, MD, FACS; David P. Winchester, MD, FACS; Amanda B. Francescatti; Caprice C. Greenberg, MD, MPH, FACS. University of Wisconsin Hospital and Clinics, Madison; Cancer Programs, American College of Surgeons, Chicago, IL; Roswell Park Cancer Institute, Buffalo, NY

DISCUSSANT: Haydee Ojeda, *Los Angeles, CA*

Impact of Tissue Expander to Final Breast Reconstruction Time Interval on Postoperative Quality of Life: A Cohort Study of 144 Breast Reconstruction Patients Using Breast-Q
Mohamad E. Sebai, MB, BS; Ricardo J. Bello, MD, MPH; Chris Devulapalli, MD; Carisa M. Cooney, MPH; Gedge D. Rosson, MD. Johns Hopkins University School of Medicine, Baltimore, MD

DISCUSSANT: Lee G. Wilke, MD, FACS, *Madison, WI*

Phase Ib Trial Comparing Different Doses/Schedules of a Folate Binding Protein(FBP)-Derived Peptide Vaccine, E39, and Its Attenuated Version, E39, to Induce Long-Term FBP-specific Immunity in Disease-Free Cancer Patients
Doreen O. Jackson, MD; Timothy Vreeland, MD; Diane F. Hale, MD; Julia M. Greene, MD; John S. Berry, IV, MD; Alfred F. Trappey; Mark O. Hardin, MD; Guy T. Clifton, MD, FACS; George E. Peoples, Jr., MD, FACS; Elizabeth A. Mittendorf, MD, PhD, FACS. San Antonio Military Medical Center, Cancer Vaccine Development Program, San Antonio, MD Anderson Cancer Center, Houston, TX

DISCUSSANT: Sharon S. Lum, MD, FACS, *Loma Linda, CA*

Analysis of Lymph Node-Positivity in Ductal Carcinoma In-Situ Patients Undergoing Total Mastectomy
Valentina Bonev, MD; Carlos E. Chavez de Paz, MD; Naveenraj L. Solomon, MD, FACS; Mark E. Reeves, MD, PhD, FACS; Maheswari Senthil, MB, BS, FACS; Carlos A. Garberoglio, MD, FACS; Sharon S. Lum, MD, FACS. Loma Linda University Medical Center, Loma Linda, CA

DISCUSSANT: Ari D. Brooks, MD, FACS, *Philadelphia, PA*

SF40 | 2:30-5:45 pm
Endocrine Surgery

LOCATION: 149

TRACK: GEN
MODERATORS:
Michael T. Stang, MD, FACS, *Pittsburgh, PA*
Kepal N. Patel, MD, FACS, *New York, NY*

Total Thyroidectomy vs. Lobectomy in Patient with Suspicious for Papillary Thyroid Cancer Nodule on Fine-Needle Aspiration: Cost-Effectiveness Analysis
Zaid Al-Qurayshi, MD, MPH; Salem I. Noureldine, MD; Ralph P. Tufano, MD, MBA, FACS; Emad Kandil, MB, BCh, FACS. Tulane University School of Medicine, New Orleans, LA, Johns Hopkins School of Medicine, Baltimore, MD

DISCUSSANT: Moderator(s)

Thyroid Lobectomy Is Not Sufficient for T2 Papillary Thyroid Cancers
Samer R. Rajjoub, MD; Kristine Kuchta; Chihsiung E. Wang, PhD; Waseem Lutfi; Tricia A. Moo-Young, MD, FACS; David J. Winchester, MD, FACS; Richard A. Prinz, MD, FACS. NorthShore University HealthSystem, Evanston, IL

DISCUSSANT: Moderator(s)

Preoperative Biopsy for >4 cm Papillary Thyroid Carcinoma Increases Compliance with Treatment Guidelines
Paritosh Suman, MD; Chi-Hsuing Wang, PhD; Tricia A. Moo-Young, MD, FACS; Richard A. Prinz, MD, FACS; David J. Winchester, MD, FACS. NorthShore University Health System, Evanston, IL

DISCUSSANT: Moderator(s)

Learning Curve With Use of Transcutaneous Laryngeal Ultrasonography as a Substitute for Standard Laryngoscopy in Perioperative Evaluation of Vocal Cord Function
Taha A. Hassoon, MD; Fadi Murad; Roostam Kholmatov, MD; Muhammad Anwar, MB, BS; Daniah Bu Ali, MD; Zaid Al-Qurayshi, MD; Rizwan Aslam, DO, FACS; Paul L. Friedlander, MD, FACS; Emad Kandil, MB, BCh, FACS. Tulane Medical School-Tulane University, New Orleans, LA

DISCUSSANT: Moderator(s)

Combination Therapy With Sorafenib and Vemurafenib Is Effective in Anaplastic Thyroid Cancer
Jasmine Shell, MD; Lisa Zhang, PhD; Yaqin Zhang, PhD; Min Shen, PhD; Myriem Boufraqech, PhD; Naris Nilubol, MD; Dhaval Patel, MD; Electron Kebebew, MD, FACS. National Cancer Institute, National Institutes of Health, Bethesda, MD

DISCUSSANT: Moderator(s)

Techniques for Intraoperative Identification and Confirmation of Parathyroid Tissue: Results from a Survey of the American Association of Endocrine Surgeons
Kathryn E. Coan, MD; Tina W. Yen, MD, FACS; Azadeh A. Carr, MD; Douglas B. Evans, MD, FACS; Tracy S. Wang, MD, MPH, FACS. Medical College of Wisconsin, Milwaukee

DISCUSSANT: Moderator(s)

Increased Identification of Parathyroid Glands Using Autofluorescence Imaging during Thyroidectomy
Fernando Dip, MD; Jorge Falco, MD, PhD; Pablo Quadri, MD; Martin De La Fuente, MD; Marcos Prunello; Raul J. Rosenthal, MD, FACS. University of Buenos Aires, Argentina, Cleveland Clinic Florida, Weston

DISCUSSANT: Moderator(s)

Normocalcemic Primary Hyperparathyroidism: Preoperative Localization and Incidence of Multiglandular Disease
Travis M. Cotton, MD; Jack M. Monchik, MD, FACS. Brown University, Providence, RI

DISCUSSANT: Moderator(s)

Surgical Approach Does Not Affect Overall Survival in Adrenocortical Carcinoma: An Outcomes Analysis of the National Cancer Database
Brendan M. Finnerty, MD; Maureen Moore, MD; Anna Aronova, MD; Suraj Panjwani, MB, BS; Rasa Zarnegar, MD, FACS; Thomas J. Fahey III, MD, FACS. New York Presbyterian Hospital - Weill Cornell Medicine, NY

DISCUSSANT: Moderator(s)

Surgical Treatment of Primary Aldosteronism: Is Underlying Pathology Associated With Differences in Clinical Presentation and Outcomes Following Unilateral Adrenalectomy?
Omair A. Shariq, MD; Kabir Mehta, MB, BS; Geoffrey B. Thompson, MD, FACS; Melanie L. Richards, MD, FACS; David R. Farley, MD, FACS; Irina Bancos, MD; William F. Young, MD; Travis J. McKenzie, MD. Mayo Clinic, Rochester, MN

DISCUSSANT: Moderator(s)

The Distal Predilection of Small Bowel Neuroendocrine Tumors
Kendall J. Keck, MD; Jessica Maxwell, MD; Andrew M. Bellizzi, MD; Thomas M. O'Dorisio, MD; James R. Howe, MD, FACS. University of Iowa Carver College of Medicine, Iowa City

DISCUSSANT: Moderator(s)

MicroRNA and Gene Expression Profiling in Syndromic and Sporadic Nonfunctioning Pancreatic Neuroendocrine Tumors: An Integrated Analysis
Xavier M. Keutgen, MD; Myriem Boufraqech, PhD; Sudheer Kumar Gara, PhD; Sunita Agarwal, PhD; Ralph Hruban, MD; Nickolas Papadopoulos, PhD; Martha Quezado, MD; David L. Wheeler, PhD; Maggie M. Cam, PhD; Electron Kebebew, MD, FACS. National Cancer Institute at the National Institutes of Health, Bethesda, MD, The Johns Hopkins Hospital, Baltimore, MD

DISCUSSANT: Moderator(s)

SF41 | 2:30-5:45 pm
Plastic and Maxillofacial Surgery II

LOCATION: 140

TRACK: PLA
MODERATORS:
Richard J. Zienowicz, MD, FACS, *Providence, RI*
Benjamin Chang, MD, FACS, *Philadelphia, PA*

Respiratory Complications Following Abdominal Wall Reconstruction: Analysis of the Nationwide Inpatient Sample Database
Ravi Sood, MD; Angelo B. Lipira, MD; Otway Louie, MD; Andrew S. Wright, MD, FACS; Peter C. Neligan, MB, BCh, FACS; Nicole S. Gibran, MD, FACS. University of Washington, Seattle

DISCUSSANT: Moderator(s)

Prior Radiotherapy Does Not Affect Abdominal Wall Reconstruction Outcomes: A Propensity Score Analysis
Salvatore Giordano, MD, PhD; Patrick B. Garvey, MD, FACS; Donald P. Baumann, MD, FACS; Charles E. Butler, MD, FACS. MD Anderson Cancer Center, Houston, TX

DISCUSSANT: Moderator(s)

Wound Contamination Does Not Affect Outcomes with Acellular Dermal Matrix in Abdominal Wall Reconstruction: Evidence from Propensity Score Analysis
Salvatore Giordano, MD, PhD; Rene Largo; Patrick B. Garvey, MD, FACS; Donald P. Baumann, MD, FACS; Jun Liu; Charles E. Butler, MD, FACS. MD Anderson Cancer Center, Houston, TX

DISCUSSANT: Moderator(s)

Long-Term Outcomes for Abdominal Wall Reconstruction with Biologic Mesh
Patrick B. Garvey, MD, FACS; Salvatore Giordano, MD, PhD; Donald P. Baumann, MD, FACS; Jun Liu, MD, PhD; Charles E. Butler, MD, FACS. University of Texas MD Anderson Cancer Center, Houston

DISCUSSANT: Moderator(s)

Primary Fascial Closure with Mesh Reinforcement Is Safer than Bridged Mesh Repair for Abdominal Wall Reconstruction: A Propensity Score Analysis
Salvatore Giordano, MD, PhD; Patrick B. Garvey, MD, FACS; Donald P. Baumann, MD, FACS; Jun Liu; Charles E. Butler, MD, FACS. MD Anderson Cancer Center, Houston, TX

DISCUSSANT: Moderator(s)

Congenital Syndactyly Reconstruction of 391 Web Spaces: an 18-Year Experience
David L. Colen, MD; Michael G. Tecce, DO; Brianne Mitchell, MD; Michael A. Lanni; Benjamin Chang, MD, FACS. University of Pennsylvania, Philadelphia, PA, Robert Wood Johnson Medical School, New Brunswick, NJ

DISCUSSANT: Moderator(s)

Timing of Cranial Vault Reconstruction in Non-Syndromic Craniosynostosis: A Single Institution's 30-Year Experience
Joseph Lopez, MD, MBA; Alan F. Utria; Regina S. Cho; Gerhard S. Mundinger, MD; George I. Jallo, MD; Edward S. Ahn, MD; Craig A. Vander Kolk, MD, FACS; Amir H. Dorafshar, MB, ChB, FACS. Johns Hopkins Hospital, Baltimore, MD

DISCUSSANT: Moderator(s)

Computer-Aided Design and Manufacturing in Non-syndromic Cranial Vault Reconstruction Is Not Associated With Improved Surgical Outcomes
Joseph Lopez, MD, MBA; Regina S. Cho; Melanie Major; Jens Berli, MD; Ricardo J. Bello, MD, MPH; Edward S. Ahn, MD; Gerhard S. Mundinger, MD; Miguel Medina III, MD; Amir H. Dorafshar, MB, ChB, FACS. Johns Hopkins Hospital, Baltimore, MD

DISCUSSANT: Moderator(s)

Defining Mild Traumatic Brain Injury: Comparison of ICD-9 Codes Used by the U.S. Centers for Disease Control and Prevention and the U.S. Department of Veterans Affairs
Elizabeth Kiwanuka, MD, PhD; Arturo J. Rios-Diaz, MD; Cheryl K. Zogg; Edward J. Caterson, MD, PhD; Muhammad Ali Chaudhary, MB, BS. Brigham and Women's Hospital, Boston, MA, Brown University, Providence, RI

DISCUSSANT: Moderator(s)

Comparing Patient Satisfaction After Implant-Based vs. Autologous Breast Reconstruction: A Meta-Analysis Using the BREAST-Q
Marten N. Basta, MD; Charles C. Jehle, MD; Bella Avanessian, MD; Karl H. Breuing, MD, FACS; Paul Y. Liu, MD, FACS; Daniel Kwan, MD; Rachel Sullivan, MD; Richard J. Zienowicz, MD. Brown University, Providence, RI

DISCUSSANT: Moderator(s)

Risk Factors for Early (30-Day) and Late (One-Year) Readmission Following Breast Reconstruction in New York State
Gabriel M. Klein, MD; Johnathan Shih; Robert A. Laskowski, MD, PhD; Donglei Yin; Jie Yang, PhD; Duc T. Bui, MD; Sami U. Khan, MD. Stony Brook University Hospital, NY

DISCUSSANT: Moderator(s)

Risk Factors for Venous Thromboembolism in Bilateral Breast Reduction Surgery
Gustavo A. Rubio, MD; Charles A. Karcutskie, MD; Laura F. Teisch; Seth R. Thaller, MD, DMD, FACS. University of Miami Miller School of Medicine, Miami, FL

DISCUSSANT: Moderator(s)

SF42 | 2:30-5:45 pm
Quality, Safety, and Outcomes IV

PtS

LOCATION: 143A

TRACK: HP
MODERATOR: Elliott R. Haut, MD, PhD, FACS, *Baltimore, MD*
CO-MODERATOR: Rachel R. Kelz, MD, FACS, *Philadelphia, PA*

The Respiratory Rate: A Neglected Triage Tool for Prehospital Identification of Trauma Patients
John Yonge, MD; Justin J. Watson, MD; Christopher R. Connelly, MD; Phillip Kemp Bohan; Lynn S. Eastes; Dawn Brand; Martin A. Schreiber, MD, FACS. Oregon Health & Sciences University, Portland

DISCUSSANT: Nicole A. Stassen, MD, FACS, *Rochester, NY*

Patient Experiences of Trauma Resuscitation
Elinore J. Kaufman, MD; Therese S. Richmond, PhD; Douglas J. Wiebe, PhD; Sara F. Jacoby, PhD; C. W. Schwab, MD; Daniel N. Holena, MD, FACS. University of Pennsylvania, Philadelphia, New York-Presbyterian Weill Cornell, NY

DISCUSSANT: Tanya L. Zakrison, MD, FACS, *Miami Beach, FL*

Patterns of Use and Factors Associated with Early Discontinuation of Opiates Following Major Trauma
Muhammad Ali Chaudhary, MB, BS; Rebecca Scully, MD; Ritam Chowdhury, MB, BS, MPH, PhD; Meesha Sharma, MB, BS; Juan P. Herrera-Escobar, MD; Cheryl K. Zogg; Elizabeth J. Lilley, MD, MPH; Wei Jiang; Andrew Schoenfeld, MD; Adil H. Haider, MD, MPH, FACS. Brigham and Women's Hospital, Boston, MA

DISCUSSANT: Marie L. Crandall, MD, MPH, FACS, *Jacksonville, FL*

Go with Your First Impression: Trauma Center Admission Vital Signs Underpredict Mortality in Transferred Trauma Patients
Daniel N. Holena, MD, FACS; M. Kit Delgado, MD Brendan G. Carr, MD; Douglas J. Wiebe, PhD; Andrew B. Peitzman, MD, FACS; Patrick M. Reilly, MD, FACS. University of Pennsylvania, Philadelphia

DISCUSSANT: Ben L. Zarzaur, MD, MPH, FACS, *Indianapolis, IN*

Impact of the Affordable Care Act Dependent Coverage Expansion on Use of Post-Acute Care Services in Young Trauma Patients
Douglas S. Swords, MD; Yingying YZ Zhang; Angela P. Presson, PhD; Ram Nirula, MD, FACS; Samuel R. Finlayson, MD, MPH, FACS; Brian T. Bucher, MD. University of Utah, Salt Lake City

DISCUSSANT: Adil H. Haider, MD, MPH, FACS, *Boston, MA*

Gauging Trauma Center Quality Improvement by Classifying Adverse Events from Recurring In-Situ Simulations Using the JC Taxonomy
Kinza Akhunzada; Daniel N. Holena, MD, FACS; Patricia Abel-Baker; Gregory Motuk; Janet McMaster; Patrick K. Kim, MD, FACS; M. Megan Mook; Sara Holland; Brian P. Smith, MD; Jose L. Pascual, MD, FACS, FCCM. Perelman School of Medicine at the University of Pennsylvania, Philadelphia

DISCUSSANT: Moderator(s)

Trauma Patients' Attitudes Toward Organ Donation at an Urban Level 1 Trauma Center
John D. Cull, MD; Katarina Ivkovic; Edie Y. Chan, MD, FACS. Greenville Memorial Hospital, SC, Rush University Medical Center, Chicago, IL

DISCUSSANT: Moderator(s)

The Affect of American College of Surgeons (ACS) Trauma Center Designation on Outcomes: Measurable Benefit at the Extremes of Age
Michael D. Grossman, MD, FACS; Aparna Kolli, MD; Jay A. Yelon, FACS; Lisa Szydziak; Christopher Anderson. Southside Hospital/Northwell Health System, Bayshore, NY

DISCUSSANT: Ronald M. Stewart, MD, FACS, *San Antonio, TX*

Voluntary Collaboration to Increase Awareness Amongst Community Hospitals Is an Effective Method to Improve Surgical Outcomes
Saulat S. Sheikh, MD; Vanessa M. Thompson, PhD; Rod Grim, PhD; Theodore Bell; Scott W. Cowan, MD; Adam P. Johnson, MD, MPH; Vanita Ahuja, MD, MPH, MBA, FACS. WellSpan York Hospital, York, PA; Thomas Jefferson University Hospital, Philadelphia, PA; American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®), Chicago, IL

DISCUSSANT: Oscar D. Guillamondegui, MD, MPH, FACS, *Nashville, TN*

Retirement and the General Surgeon: A Practice Survey of Intentions and Perceptions
Heather M. Poushay, MD; Daniel J. Kagedan, MD; Julie Hallet, MD; Kaitlyn Beyfuss; Ashlie Nadler, MD; Najma A. Ahmed, MD, FACS; Frances C. Wright, MD. University of Toronto, ON

DISCUSSANT: Mark R. Katlic, MD, FACS, *Baltimore, MD*

Unintended Consequences of the 30-Day Mortality Measure—Fact or Fiction?
Winta Mehtsun; Endel J. Orav, PhD; Keith D. Lillemoe, MD, FACS; Ashish K. Jha. Harvard School of Public Health, Massachusetts General Hospital, Boston

DISCUSSANT: Jonah J. Stulberg, MD, *Cleveland, OH*

Poor Outcomes Associated With Emergency Department Presentation for Pancreatic Cancer Resections: Thinking Beyond Hospital Volume
Vishes Mehta, MD; Patricia Friann; Peter Muscarella, II, MD, FACS; Haejin In, MD. Montefiore Medical Center, Bronx, NY

DISCUSSANT: Ken Lee, *Philadelphia, PA*

SF43 | 2:30-5:45 pm
Vascular Surgery II

LOCATION: 151A

TRACK: VAS
MODERATORS:
Katherine A. Gallagher, MD, FACS, *Ann Arbor, MI*
Guillermo A. Escobar, MD, FACS, *Little Rock, AR*

Grip Strength Is Associated with Increased Cardiac Risk and Frailty among Patients with Vascular Disease
Thomas E. Reeve, IV, MD; Rebecca Ur, MD; Timothy Craven; James H. Kaan; Matthew P. Goldman, MD; Gabriela Velazquez-Ramirez, MD; Nitin Garg, MB, BS, FACS; Robert N. Harrington, MD; Matthew S. Edwards, MD, FACS; Matthew A. Corriere, MD, FACS. Wake Forest School of Medicine, Winston-Salem, NC

DISCUSSANT: Peter K. Henke, MD, FACS, *Ann Arbor, MI*

Loss of a Mitochondrial Sirtuin Protein, SIRT3, Alters the Inflammatory Phase of Wound Healing
Anna Boniakowski, MD; Andrew Kimball, MD; Amrita Joshi, PhD; Steve Kunkel, PhD; Katherine Gallagher, MD, FACS. University of Michigan, Ann Arbor

DISCUSSANT: Areck Ucuzian, MD, *Pittsburgh, PA*

Acute Care Vascular Surgery: Defining the Need for a Paradigm of Urgent and Emergent Vascular Surgery
Donald G. Harris, MD; Anthony V. Herrera; Samantha R. Cox; Michael E. Huffner; Charles B. Drucker, MD; Shahab Toursavadkohi; Jose J. Diaz, Jr., MD, FACS, FCCM; Robert S. Crawford, MD, FACS. University of Maryland School of Medicine, Baltimore

DISCUSSANT: Andrew Kimball, MD, *Ann Arbor, MI*

Deletion of Myeloid Receptor for Advanced Glycation End Products Prevents Formation of Abdominal Aortic Aneurysm in a Murine Model
Kathleen G. Raman, MD, FACS; Terri L. Ennis; Ann Marie Schmidt, MD; Robert W. Thompson, MD, FACS. Washington University School of Medicine, St. Louis, MO, New York University Langone School of Medicine, NY

DISCUSSANT: Mohamed A. Zayed, MD, PhD, *St. Louis, MO*

Hemodialysis Access in the Elderly, Quick Fix vs. Durability
Isibor J. Arhuidese, MD, MPH; Satinderjit S. Locham, MD; Besma Nejim, MB, ChB, MPH; Tammam Obeid, MD; Caitlin W. Hicks, MD; Mahmoud Malas, MD, MHS, FACS. Johns Hopkins Medical Institutions, Baltimore, MD

DISCUSSANT: Chandu Vemuri, MD, *St. Louis, MO*

Tissue-Engineered Vascular Grafts by Combining Cell Sheet and Electrospun Scaffold
Sang Jin Lee; Hyunhee Ahn, PhD; Young Min Ju, PhD; Hironobu Takahashi; Teruo Okano; John Jackson, PhD; James Yoo, MD, PhD; Anthony Atala, MD, FACS. Wake Forest School of Medicine, Winston-Salem, NC, Tokyo Women's Medical University, Japan

DISCUSSANT: Edith Tzeng, MD, FACS, *Pittsburgh, PA*

Epidemiologic Outcomes of Portal and Mesenteric Venous Thrombosis
Nathan L. Liang, MD; Michel S. Makaroun, MD, FACS; Edith Tzeng, MD, FACS. University of Pittsburgh Medical Center, PA

DISCUSSANT: Nicholas H. Osborne, MD, *Ann Arbor, MI*

Blockade of Canonical Notch Signaling in Macrophages Alters the Inflammatory Response and Compounds Delayed Wound Healing in a Murine Model of Diabetes
Andrew Kimball, MD; Amrita Joshi, PhD; Shreyas Ramani; Matthew Schaller, PhD; Jooho Chung; Peter Henke, MD, FACS; Steven Kunkel, PhD; Katherine Gallagher, MD, FACS. University of Michigan, Ann Arbor

DISCUSSANT: Alan Dardik, MD, FACS, *New Haven, CT*

Gender Disparities in Ruptured Abdominal Aortic Aneurysm Mortality in the Contemporary Endovascular Environment
Elizabeth A. Genovese, MD; Christopher B. Washington, MD; Michel S. Makaroun, MD, FACS; Eric S. Hager, MD. University of Pittsburgh Medical Center, PA

DISCUSSANT: Matthew A. Corriere, MD, FACS, *Winston-Salem, NC*

Racial Disparities in Postoperative Outcomes Following Surgery for Cardiovascular Disease
Margaux N. Mustian, MD; Robert H. Hollis, MD; Melanie S. Morris, MD; Bradford E. Jackson, PhD; Daniel I. Chu, MD; Selwyn M. Vickers, MD, FACS; Sejong Bae, PhD. University of Alabama, Birmingham

DISCUSSANT: Sean J. English, MD, *St. Louis, MO*

Improved Physician Ergonomics Using the Attachable Radiation Reduction Extension Support Sheath for Endovascular Procedures
Hernan Hernandez, MD; Sara A. Myers, PhD; Iraklis I. Pipinos, MD, FACS; Jung Chien, PhD; Frank Rutar; Kendra K. Schmid, PhD; Gregory I. Gordon, MD. University of Nebraska Medical Center, Veterans' Affairs Nebraska Western Iowa Health Care System, Omaha, NE

DISCUSSANT: Karen J. Ho, MD, *Chicago, IL*

Thursday, October 20

SF44 | 8:00-11:15 am
Plastic and Maxillofacial Surgery III

LOCATION: 201

TRACK: PLA
MODERATOR: Gary F. Rogers, MD, FACS, *Washington, DC*

Practice Makes Perfect: Surgical Efficiency during Free Flap Breast Reconstruction Is Associated with Improved Outcomes
Jared A. Blau; Agustin Cornejo, MD; Analise B. Thomas, MD; Ronnie L. Shammas; Kelli Aibel; Scott T. Hollenbeck, MD, FACS. Duke University, Durham, NC

DISCUSSANT: Moderator(s)

Race, Insurance Status, and Geographic Access to Plastic Surgeons' Impact on Immediate Breast Reconstruction Rates
Paris D. Butler, MD; Justin P. Fox, MD; Olatomide Familusi; Joseph C. Serletti, MD, FACS. University of Pennsylvania Philadelphia, PA

DISCUSSANT: Moderator(s)

Complications after Reduction Mammaplasty: A Comparison of Wise Pattern/Inferior Pedicle and Vertical Scar/Superomedial Pedicle
Adeyemi A. Ogunleye, MB, BS; Ofelia Leroux Acosta, MD; Norman G. Morrison, MD; Beth A. Preminger, MD, MPH. Harlem Hospital/Columbia University Medical Center, New York, NY

DISCUSSANT: Moderator(s)

Outcomes of Leech Therapy for Venous Congestion After Reconstructive Surgery
Ronnie L. Shammas; Agustin Cornejo, MD; Luke P. Poveromo; Adam D. Glener; Scott T. Hollenbeck, MD, FACS. Duke University, Durham, NC

DISCUSSANT: Moderator(s)

Analysis of Bleeding Complications in Plastic Surgery
Analise B. Thomas, MD; Ronnie L. Shammas; Adam D. Glener; Kelli Aibel; Scott T. Hollenbeck, MD, FACS. Duke University Medical Center, Durham, NC

DISCUSSANT: Moderator(s)

Factors Associated with Requiring Flap Reconstruction Following Abdominoperineal Resection
Ellen Satteson; Patrick Harbour; James T. Thompson, MD, FACS. Wake Forest University School of Medicine, Winston-Salem, NC

DISCUSSANT: Moderator(s)

Challenging the Surgical Axiom: Albumin Does Not Reliably Predict the Development of Wound Complications in Patients Undergoing Body Contouring
Efstathios Karamanos, MD; Sophie Dream, MD; Aamir Siddiqui, MD. Henry Ford Hospital/Wayne State University, Detroit, MI

DISCUSSANT: Moderator(s)

Clinical Outcomes Following Simultaneous Ventral Hernia Repair and Panniculectomy in New York State: A Five-Year Retrospective Cohort Study
Johnathan Shih; Gabriel M. Klein, MD; Jie Yang, PhD; Jianjin Xu; Dana A. Telem, MD, FACS; Sami U. Khan, MD. Stony Brook University, NY

DISCUSSANT: Moderator(s)

The Value Added From Plastic and Reconstructive Surgery Care at Major Medical Centers
Kate J. Buretta, MD; Danielle L. Sobol, MD; Eugenia H. Cho; Scott T. Hollenbeck, MD, FACS. Duke University, Durham, NC

DISCUSSANT: Moderator(s)

Hyperbaric Oxygen Corrects the Periwound Microvascular Flow
Sarah C. Sorice, MD; Torbjorn Lundh, PhD; Alexander Y. Li; Kristine Rustad, MD; Gian-Carlo B. Atayan, LVN; Subhro K. Sen, MD; Venita Chandra, MD; Geoffrey C. Gurtner, MD, FACS. Stanford University, Palo Alto, CA

DISCUSSANT: Moderator(s)

Targeted Reinnervation for the Amputee, a Multi-Cohort Analysis
Byers Bowen, MD; Corinne E. Wee; Jaclyn A. Kalik; Laura S. Phieffer, MD; Thuan V. Ly, MD; Thomas Scharschmidt, MD, FACS; Joel L. Mayerson, MD; Raphel E. Pollock, MD, PhD; Ian L. Valerio, MD, MBA, FACS. Ohio State University Wexner Medical Center, Columbus

DISCUSSANT: Moderator(s)

SF45 | 8:00-11:15 am
Colon and Rectal Surgery V

LOCATION: 152A

TRACK: CRS
MODERATORS:
Ian M. Paquette, MD, FACS, *Cincinnati, OH*
Ankit Sarin, MB, BS, *San Mateo, CA*

Image-Guided Laparoscopic Surgery for Advanced Colorectal Cancer
Hisanaga Horie, MD, PhD; Homare Ito, MD; Takahiro Sasaki, MD; Ai Sadatomo, MD; Yoshihiko Kono, MD; Makiko Tahara, MD, PhD; Mitsuaki MM Morimoto, MD; Koji Koinuma, MD, PhD; Alan T. Lefor, MD, MPH, PhD, FACS; Naohiro Sata, MD, PhD. Jichi Medical University, Shimotsuke, Japan

DISCUSSANT: Sang W. Lee, MD, FACS, *Los Angeles, CA*

Updated ACS National Surgical Quality Improvement Program (NSQIP®) Frailty Index
Adam P. Johnson, MD, MPH; Sarah Koller, MD; Emily A. Busch, MD; Matthew M. Philp, MD; Howard M. Ross, MD, FACS, FASCRS; Scott W. Cowan, MD; Henry A. Pitt, MD, FACS. Lewis Katz School of Medicine at Temple University, Philadelphia, Thomas Jefferson University Hospital, Philadelphia, PA

DISCUSSANT: Mary R. Kwaan, MD, MPH, FACS, *Minneapolis, MN*

A National Problem: Understaging of Rectal Cancer Patients Is Associated With Positive Circumferential Margins and Worse Survival
Adan Z. Becerra; Zhaomin Xu, MD; Christian P. Probst, MD; Christopher T. Aquina, MD; Mohamedtaki A. Tejani, MD; Bradley J. Hensley, MD, MBA; Katia Noyes, PhD, MPH; John R. Monson, MD, MB, BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester Medical Center, NY

DISCUSSANT: Ravi Kiran, MD, *New York, NY*

Does Mucinous Rectal Adenocarcinoma Benefit from Neoadjuvant Chemoradiation?
Tareq M. Hassan, MD; Leonardo C. Duraes, MD, PhD; Luca Stocchi, MD, FACS; Hermann P. Kessler, MD, PhD, FACS. Cleveland Clinic Foundation, OH

DISCUSSANT: James W. Fleshman, MD, FACS, *Dallas, TX*

Operative Mortality After Colorectal Resection in the Veterans Affairs Patient Population
Chady J. Haurani, MD; Kara Girten; Gamal Mostafa, MD. John D. Dingell VA Medical Center, Detroit, MI

DISCUSSANT: Jennifer S. Davids, MD, FACS, *Worcester, MA*

Management of Emergent Diverticulitis: A Comparison of Operative Approaches
John V. Gahagan, MD; Matthew D. Whealon, MD; Sarath Sujatha-Bhaskar, MD; Alessio Pigazzi, MD, PhD, FACS; Joseph C. Carmichael, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS; Steven D. Mills, MD, FACS. University of California, Irvine, CA

DISCUSSANT: Matthew Silviera, MD, *St. Louis, MO*

Income, Geography, and Hospital Determine Gaps in Assimilation of Minimally Invasive Technology for Rectal Cancer Surgery
Alice Murray, MB,BS; Onur Baser; Emmanouil Pappou, MD; Steven A. Lee-Kong, MD; Daniel L. Feingold, MD; Ravi P. Kiran, MD. New York Presbyterian/Columbia University, Mailman School of Public Health, New York, NY

DISCUSSANT: Karim Alavi, MD, MPH, FACS, FASCRS, *Worcester, MA*

Real-Time Data Monitoring and Report Cards Facilitate Clinical Outcomes, Quality, and Patient Care
Alice Murray, MB, BS; Ahmed Mazrou; Emmanouil Pappou, MD; Daniel L. Feingold, MD; Steven A. Lee-Kong, MD; Kenneth Forde; Ravi P. Kiran, MD. New York Presbyterian Hospital, New York, NY

DISCUSSANT: Stefan D. Holubar, MD, *Rochester, MN*

Effect of Resident Involvement in Laparoscopic Colectomy for Malignancy: A Propensity Matched Analysis
Adam C. Celio, MD; Konstantinos Spaniolas, MD; Mark L. Manwaring, MD, FACS; Kevin R. Kasten, MD. East Carolina University, Greenville, NC

DISCUSSANT: Anjali Savithri Kumar, MD, MPH, FACS, FASCRS, *Seattle, WA*

Perianal Disease in Children and Adolescents: A Tipoff to Crohn's Disease?
Daniel W. Maxwell, MD; Amina M. Bhatia, MD, FACS. Children's Healthcare of Atlanta, Emory University School of Medicine, Atlanta, GA

DISCUSSANT: Moderator(s)

SF46 | 8:00-11:15 am
Critical Care Surgery

LOCATION: 207A

TRACK: TRA

MODERATORS:
Zequan Yang, MD, FACS, *Charlottesville, VA*
James J. Hoth, MD, PhD, *Winston-Salem, NC*

Deficiency in Cold-Inducible RNA-binding Protein (CIRP) Attenuates Acute Lung Injury Induced by Intestinal Ischemia-Reperfusion
Cindy Cen, MD; Weng-Lang Yang, PhD; Monowar Aziz, PhD; Jeffrey M. Nicastro, MD, FACS, FCCM; Gene F. Coppa, MD, FACS; Ping Wang, MD, FACS. Hofstra Northwell School of Medicine, Manhasset, The Feinstein Institute for Medical Research, Manhasset, NY

DISCUSSANT: Krishnan Raghavendran, MB, BS, FACS, *Ann Arbor, MI*

Tubastatin A Prevents Hemorrhage-Induced Endothelial Barrier Dysfunction
Peter J. Bruhn, MB; Vahagn C. Nikolian, MD; Ihab Halaweish, MD; Zhigang Chang, MD; Martin Sillesen, MD, PhD; Peter Svenningsen, MD; Baoling Liu, MD; Yongqing Li, MD, PhD; Hasan B. Alam, MD, FACS. University of Michigan, Ann Arbor, University of Copenhagen Hospital, Denmark

DISCUSSANT: Bruce Chung, MD, *Rochester, NY*

Invariant Natural Killer T Cells (iNKT-cells) Play a Key Role in Modulating the Pulmonary Macrophage Response to Peritoneal Polymicrobial Sepsis
Eleanor A. Fallon, MD; Tristen T. Chun, MD; William G. Cioffi, Jr., MD, FACS; Alfred Ayala, PhD; Daithi J. Heffernan, MD. Brown University/Rhode Island Hospital, Providence

DISCUSSANT: Zequan Yang, MD, FACS, *Charlottesville, VA*

Carbon Monoxide and Hydrogen Sulphide as Possible Therapeutics for Abdominal Compartment Syndrome: A Rat Model
Patrick B. Murphy, MD; Aurelia Bihari; Neil G. Parry, MD, FACS, FRCSC; Ian M. Ball, MD; Ken Leslie, MD; Kelly N. Vogt, MD; Abdel-Rahman Lawendy, MD, PhD. Western University London, ON

DISCUSSANT: Lucas P. Neff, MD, FACS, *Davis, CA*

Reduction of Animal Use and Cost Implications in a Biotelemetry-Enhanced Murine Model of Sepsis
Anthony J. Lewis, MD; Brian S. Zuckerbraun, MD, FACS; Matthew R. Rosengart, MD, MPH, FACS. University of Pittsburgh, PA

DISCUSSANT: Robert D. Becher, MD, *Winston-Salem, NC*

Motion Sensors Estimated Upper Extremity Frailty Score: A Practical Method to Identify 30-Day Recurrent Fall and Hospital Readmission in Elderly Trauma Patients
Tahereh O. Jokar, MD; Bijan Najafi, PhD; Peter M. Rhee, MD, MPH, FACS, FCCM; Jane Mohler, MPH; Nima Toosizadeh, PhD; Michelle R. Heusser; Narong Kulvatunyou, MD, FACS; Ahmed Hassan, MD; Lynn M. Gries, MD; Bellal Joseph, MD, FACS. University of Arizona, Tucson

DISCUSSANT: Nicole A. Stassen, MD, FACS, *Rochester, NY*

Hepatobiliary Scans Should be Used to Confirm Acute Cholecystitis in Critically Ill Patients With a Non-Biliary Admitting Diagnosis Prior to Placement of a Percutaneous Cholecystostomy
Aisha W. Shaheen, MD; John R. Eisenbrey, PhD; Naveed A. Rahman; Rebecca J. Newbrander; Michael Baram, MD, FCCM. Thomas Jefferson University Hospital, Philadelphia, PA

DISCUSSANT: Nathan T. Mowery, MD, *Winston-Salem, NC*

Predicting Intensive Care Unit (ICU) Readmission Among Surgical Patients: Development and Validation of a Predictive Nomogram
Luke A. Martin, MD; Ragheed Al-Dulaimi, MD, MPH; Mary C. Mone; Joseph E. Tonna, MD; Richard G. Barton, MD, FACS; Benjamin S. Brooke, MD, PhD, FACS. University of Utah, Salt Lake City

DISCUSSANT: Rebecca W. Schroll, MD, FACS, *New Orleans, LA*

Intraoperative Microalbuminuria Predicts Development of Postoperative Acute Kidney Injury in Patients Who Underwent Major Vascular Surgery: A Prospective Study
Kaori Ito, MD; Arielle Hodari, MD; Matthew Goodwin; Nathan Schmoekel; Dionne J. Blyden, MD, FACS; Dragos Galusca, MD; Lenar Yessayan, MD; Alexander D. Shepard, MD; Loay Kani, MD. Henry Ford Hospital, Detroit, MI

DISCUSSANT: Laura N. Godat, MD, *San Diego, CA*

Delirium in the Intensive Care Unit (ICU) Is Not Associated With 30-Day or 90-Day Hospital Readmission
Matthew L. Goodwin, MD; Arielle Hodari, MD; Kaori Ito, MD; Jean Liu; Jack Jordan; Nathan Schmoekel; Dionne J. Blyden, MD, FACS. Henry Ford Hospital Detroit, MI

DISCUSSANT: Stacy Dougherty, MD, *Long Island City, NY*

Potentially Avoidable Surgical Intensive Care Unit Admissions and Disposition Delays
Navpreet K. Dhillon, MD; Ara Ko, MD, MPH; Megan Harada; Mayumi Kharabi; Joseph Castongia, MHA; Michael Nurok, MD; Bruce L. Gewertz, MD, FACS; Eric J. Ley, MD, FACS. Cedars-Sinai Medical Center, Los Angeles, CA

DISCUSSANT: Robert S. Martin, MD FACS, *Winston-Salem, NC*

Mortality in Surgical Patients Who Require More Than Seven Days of Continuous Renal Replacement Therapy
Ara Ko, MD, MPH; Megan Harada; Navpreet K. Dhillon, MD; Eric Chen; Bansuri Patel; Michael R. Scheipe; Eric J. Ley, MD, FACS. Cedars-Sinai Medical Center, Los Angeles, CA

DISCUSSANT: Lynn M. Gries, MD, *Tucson, AZ*

SF47 | 8:00-11:15 am
General Surgery III

LOCATION: Ballroom C

TRACK: GEN

MODERATORS:
Suresh Agarwal, MD, FACS, *Madison, WI*
Eric M. Pauli, MD, FACS, *Hershey, PA*

Impact of Clipping vs. No Hair Removal on Surgical Site Infections: A Prospective, Randomized Trial
Shanu N. Kothari, MD, FACS; Andrew J. Borgert, PhD; Todd J. Kowalski, MD. Gundersen Health System, Gundersen Medical Foundation, La Crosse, WI

DISCUSSANT: Moderator(s)

Implementation of Surgical Unit-Based Safety Program at a Safety-Net Hospital: Impact on Surgical Site Infection Rates
Bryan C. Morse, MD, FACS; Clarence E. Clark, MD; Roland P. Matthews, MD; Nicholas S. Fogelson, MD; Mary A. Cole; Roseann L. Pena, MBA; Jeff Richards; Dustin T. Diggs, MBA. Grady Memorial Hospital, Emory University, Morehouse School of Medicine, Atlanta, GA

DISCUSSANT: Moderator(s)

Intraoperative Adverse Events in Abdominal Surgery: What Happens in the Operating Room Does Not Stay in the Operating Room
Jordan D. Bohnen, MD, MBA; Michael N. Mavros, MD; Elie P. Ramly, MD; Yuchiao Chang, PhD; D. Dante Yeh, MD; Jarone Lee, MD, MPH; Marc de Moya, MD, MPH; David R. King, MD, FACS; George C. Velmahos, MD, PhD, FACS; Haytham M. Kaafarani, MD, MPH, FACS. Massachusetts General Hospital, Boston

DISCUSSANT: Moderator(s)

Is Intraoperative Use of Vasopressors Associated With Higher Leak Rate After Emergent Bowel Resection and Primary Anastomosis?
Efstathios Karamanos, MD; William J. Kane; Sanjay Mohanty, MD; Nathan Schmoekel. Henry Ford Hospital/ Wayne State University, Detroit, MI

DISCUSSANT: Moderator(s)

Inadvertent Splenectomy in Patients Undergoing Resection for Colorectal Cancer Increases Short-Term Mortality But Does Not Decrease Long-Term Survival in a Propensity Score Model: A Nationwide Cohort Study
Ida Lolle, MD; Hans-Christian Pommergaard, MD; David F. Schefte, MD; Orhan Bulut; Peter Martin Krarup; Steffen Rosenstock. Hvidovre Hospital, Koege Hospital, Danish Colorectal Cancer Group, Copenhagen, Denmark

DISCUSSANT: Moderator(s)

Post-Splenectomy Sepsis: 50-Year Population-Based Analysis
Mohammad A. Khasawneh, MB, BS; Nicolas Contreras, MD; Donald H. Jenkins, MD; Christine M. Lohse; Martin D. Zielinski, MD, FACS. Mayo Clinic, Rochester, MN

DISCUSSANT: Moderator(s)

The Effect of Ambulation and Physical Activity on Postoperative Complications
Yehonatan Nevo, MD; Tali Shaltiel, MD; Naama Constantini; Mordechai Gutman, MD, FACS; Oded Zmora, MD; Avinoam Nevler, MD. Sheba Medical Center, Ramat-Gan, Israel

DISCUSSANT: Moderator(s)

Screening for Postoperative Venous Thromboembolic Events in Large Ventral Hernia Repairs: Results of Prospective Evaluation
Harveen K. Lamba, MD; Clayton C. Petro, MD; Brenda M. Zosa, MD; Yakov Elgudin, MD, PhD; Yuri W. Novitsky, MD, FACS. University Hospitals Case Medical Center, Cleveland, OH

DISCUSSANT: Moderator(s)

Gastrografin-Based Treatment Protocol Reduces Time to Surgery in Adhesive Small Bowel Obstruction: Results of a Large Prospective Study
Anna C. Weiss, MD; Divya Sood, MD; Marco J. Tomassi, MD. Kaiser Permanente, San Diego, CA, University of California, San Diego, CA

DISCUSSANT: Moderator(s)

The Value of Cholangiography in Elective Cholecystectomy in Patients with Normal Preoperative Liver Function Tests
Jessica L. Burgers, MD; Eric Tsung, MD; John O. Elliott, PhD, MPH; Andrei Radulescu, MD; Edward P. Dominguez, MD. Riverside Methodist Hospital, Columbus, OH

DISCUSSANT: Moderator(s)

Abdominal Wall Reconstruction In the Elderly: A Decade's Experience
Eric M. Pauli, MD; Mojtaba Fayezizadeh, MD; Margaret Plymale; Joshua S. Winder, MD; J. Scott Roth, MD, FACS; Yuri W. Novitsky, MD, FACS. Penn State Milton S. Hershey Medical Center, Hershey; University Hospitals Case Medical Center, Cleveland, OH; University of Kentucky Health Care, Lexington

DISCUSSANT: Moderator(s)

Improving Patient-Centered Transitional Care Following Complex Abdominal Surgery
Alexandra W. Acher; Stephanie A. Campbell, PhD; Maria Brenny-Fitzpatrick; Kristine M. Leahy-Gross; Sara Fernandes-Taylor, PhD; Suresh Agarwal, MD, FACS; Amy J. Kind, MD, PhD; Caprice C. Greenberg, MD, MPH, FACS; Pascale Carayon, PhD; Sharon M. Weber, MD, FACS. University of Wisconsin School of Medicine and Public Health, Madison

DISCUSSANT: Moderator(s)

SF48 | 8:00-11:15 am
Quality, Safety, and Outcomes V

LOCATION: 140

TRACK: HP
MODERATOR: Waddah B. Al-Refaie, MD, FACS, *Washington, DC*

Technology Burden Alters Hospital Quality and Cost
Aaron A. Sorenson, MPH; Susan G. Fisher, PhD; Arthur M. Feldman, MD, PhD; Frederick V. Ramsey, PhD; Henry A. Pitt, MD, FACS. Lewis Katz School of Medicine at Temple University, Philadelphia, PA

DISCUSSANT: Moderator(s)

Adoption of Robotics in a General Surgery Residency Program: At What Cost?
Matthew G. Mullen, MD; J. Hunter Mehaffey, MD; Kenan W. Yount, MD, MBA; Alex D. Michaels, MD; Max O. Meneveau; Bruce D. Schirmer, MD, FACS; Charles M. Friel, MD, FACS, FASCRS. University of Virginia, Charlottesville

DISCUSSANT: Moderator(s)

#Surgtweeting: Trends in Twitter Use at the American College of Surgeons Clinical Congress
Anne P. Ehlers, MD; Heather L. Evans, MD, FACS; David R. Flum, MD, FACS; Andrew S. Wright, MD, FACS. University of Washington, Seattle

DISCUSSANT: Moderator(s)

Advanced Electronic Health Record Adoption Improves Hospital Compliance with Surgical Care Improvement Project Core Measures
Brian T. Bucher, MD; Douglas S. Swords, MD; Jamie Robinson, MD; Gretchen P. Jackson, MD, PhD, FACS; Samuel R. Finlayson, MD, MPH, FACS. University of Utah School of Medicine, Salt Lake City, Vanderbilt University School of Medicine, Nashville, TN

DISCUSSANT: Moderator(s)

Racial Disparities in Postoperative Length-Of-Stay (Polos) Persist in Elective Colorectal Surgery Even With No Postoperative Complications
Matthew D. Giglia, MD; Aerin J. DeRussy, MPH; Marco Ferrara, MD; Allison A. Gullick; Sara J. Knight, PhD; Melanie S. Morris, MD; Daniel I. Chu, MD. University of Alabama, Birmingham

DISCUSSANT: Moderator(s)

Online Physician Scorecards Measure Patient Satisfaction and Perception of Experience Rather than Quality of Care
Jennwood Chen, MD; Angela P. Presson, PhD; Chong Zhang; David M. Ray, MBA; Samuel R. Finlayson, MD, MPH, FACS; Robert E. Glasgow, MD, FACS. University of Utah, Salt Lake City

DISCUSSANT: Moderator(s)

Pathologic Complete Response Rates After Neoadjuvant Chemotherapy for Invasive Breast Cancer Vary by Facility Type and Volume at Commission on Cancer Accredited Centers
Kathy Yao, MD, FACS; Olga Kantor, MD; Ted A. James, MD, FACS. NorthShore University HealthSystem, Evanston, IL; University of Vermont, Burlington VT; University of Chicago, Chicago, IL

DISCUSSANT: Moderator(s)

Surgeon Availability and Use of Bariatric Surgery in the U.S.
Sarah E. Billmeier, MD, MPH; Rachel K. Brickman; Gina L. Adrales, MD, MPH, FACS. Dartmouth Hitchcock Medical Center, Lebanon, Geisel School of Medicine, Hanover, NH

DISCUSSANT: Moderator(s)

Fertility and Pregnancy Outcomes in Female Physicians in Procedural Specialties: A Large National Survey
Rebecca Scully, MD; Nelya Melnitchouk, MD; Jennifer S. Davids, MD. Brigham and Women's Hospital, Boston, MA, University of Massachusetts Medical School, Worcester

DISCUSSANT: Moderator(s)

Cost Savings Associated With Use of Ambulatory Surgical Centers in Lieu of Outpatient Hospital Settings for Transurethral Resection of Bladder Tumors
Andrew E. Edsall; Christopher C. Kyle, MD, MPH; Genoa Ferguson, MD. Oregon Urology Institute, Springfield

DISCUSSANT: Moderator(s)

The Coalition for Quality in Geriatric Surgery: Intermediate Report on Establishing Consensus for High-Quality Surgical Care for Older Adults
Julia R. Berian, MD; Ronnie A. Rosenthal, MD, FACS; Tracey L. Baker; Clifford Y. Ko, MD, MSHS, FACS, FASCRS; Marcia M. Russell, MD, FACS. American College of Surgeons, Chicago, IL

DISCUSSANT: Moderator(s)

What Thyroid Cancer Patients Need, Prefer, and Value: Individualization
Susan C. Pitt, MD; Elizabeth M. Wendt; Reese W. Randle, MD; Courtney J. Balentine, MD, MPH; Jason Orne, PhD; Cameron McDonald, PhD; Nadine Connor, PhD; Rebecca S. Sippel, MD, FACS. University of Wisconsin, Madison

DISCUSSANT: Moderator(s)

SF49 | 8:00-11:15 am
Surgical Education V

LOCATION: 146A

TRACK: EDU

MODERATORS:
Jonathan M. Dort, MD, FACS, *Falls Church, VA*
Mathew H. Chung, MD, FACS, *Grand Rapids, MI*

MODERATORS:
Mary M. Wolfe, MD, FACS, *Fresno, CA*
Robert K. Josloff, MD, FACS, *Abington, PA*

Surgical Trainees' Laparoscopic Skills Performance on Standard and Advanced Versions of a Surgical Simulation Task: A Crossover Randomized Controlled Trial
Amro Abdelrahman, MB, BS; Bethany R. Lowndes; EeeLN H. Buckarma, MD; Becca L. Gas; Hunter J. Hawthorne; Melissa M. Morrow, PhD; Denny Yu, PhD; David R. Farley, MD; Susan Hallbeck, PhD. Mayo Clinic, Rochester, MN, Purdue University, West Lafayette, IN

DISCUSSANT: E. Matthew Ritter, MD, FACS, *Bethesda, MD*

Vessel Ligation Fundamentals: A Comparison of Technical Evaluations by Crowdsourced Nonclinical Personnel and Surgical Faculty
Yinin Hu, MD; Boxiang Jiang, MD; Helen Kim; Anneke T. Schroen, MD, FACS; Philip W. Smith, MD; Sara K. Rasmussen, MD, PhD, FACS. University of Virginia Charlottesville, VA

DISCUSSANT: Amit R.T. Joshi, MD, FACS, *Philadelphia, PA*

Can Teenage Novel Users Perform as Well as General Surgery Residents Upon Initial Exposure to a Robotic Surgical System Simulator?
Akshat J. Mehta; Tristan E. Senkowski; Weston Robison; John Allen, MD; Christopher K. Senkowski, MD, FACS. Mercer University School of Medicine, Savannah, GA

DISCUSSANT: James R. Korndorffer, Jr., MD, FACS, *New Orleans, LA*

Delineating Optimal Surgical Performance in Laparoscopic Donor Nephrectomy Among Transplant Surgery Fellows: A Learning Curve Analysis
Oscar K. Serrano, MD; Ananta Bangdiwala; David Vock, PhD; Varvara A. Kirchner, MD; Danielle Berglund; Ty B. Dunn, MD, FACS; Erik Finger, MD, PhD; Timothy L. Pruett, MD, FACS; Arthur J. Matas, MD, FACS; Raja Kandaswamy, MB, BS, FACS. University of Minnesota, Minneapolis

DISCUSSANT: James N. Lau, MD, FACS, *Stanford, CA*

Predictors of Initial Technical Skill Acquisition in Otorhinolaryngology Residency Applicants
Ernest D. Gomez, MD; Andres M. Bur, MD; Jason A. Brant, MD; Steven J. Eliades, MD, PhD; James J. Kearney, MD, FACS; Michael J. Ruckenstein, MD, FACS. University of Pennsylvania Health System, Philadelphia

DISCUSSANT: Aimee K. Gardner, PhD, *Dallas, TX*

Subjective and Objective Performance Assessments Correlate in the Operating Room
Peter Szasz, MD; Marisa Louridas, MD; Kenneth A. Harris, MD, FRCSC, FACS; Teodor P. Grantcharov, MD, PhD, FACS. University of Toronto, Royal College of Physicians and Surgeons of Canada, Ottawa, ON

DISCUSSANT: John T. Paige, MD, FACS, *New Orleans, LA*

Endovascular Training Using a Simulation-Based Curriculum Is More Cost-Effective Than Conventional Training in the Hybrid Angiosuite
Heidi Maertens; Frank Vermassen, MD, PhD; Rajesh Aggarwal, MB, BS, PhD, FRCS, FACS, FRCSC; Isabelle Van Herzeele; Lieven Annemans. Ghent University Hospital, Ghent, Belgium, McGill University, Montreal, QC

DISCUSSANT: Melanie Hoehn, MD, *Baltimore, MD*

Optimizing Questioning Methods for Effective Intraoperative Teaching
Meredith Barrett, MD; Christopher P. Magas; Priya H. Dedhia, MD, PhD; Larry D. Gruppen, PhD; Gurjit Sandhu, PhD. University of Michigan, Ann Arbor

DISCUSSANT: Sharon L. Bachman, MD, FACS, *Falls Church, VA*

Intraoperative Observation and Evaluation Improves Teaching and Increases Resident Autonomy
Vahagn C. Nikolian, MD; Christopher P. Magas; Joseph Church, MD; Danielle C. Horne, MD; Meredith Barrett, MD; R. Brent Stansfield, PhD; Rebecca M. Minter, MD, FACS; Gurjit Sandhu, PhD. University of Michigan, Ann Arbor

DISCUSSANT: Rebecca C. Britt, MD, FACS, *Norfolk, VA*

Use of Simulation as a Screening Tool for Surgical Skills: Are we there yet?

DISCUSSANT: Kristin M. Noonan, MD, *Warminster, PA*

A Novel General Surgery Training Service that Increases Resident Operative Autonomy Without Impacting Patient Outcomes: A Case-Control Study
Brandon M. Wojcik, MD; Zhi Ven Fong, MD; David C. Chang, PhD, MPH, MBA; Emil R. Petrusa, PhD; John Mullen, MD; Roy Phitayakorn, MD. Massachusetts General Hospital, Boston, MA

DISCUSSANT: Benjamin T. Jarman, MD, FACS, *La Crosse, WI*

SF50 | 8:00-11:15 am
Surgical Oncology III

LOCATION: 151B

TRACK: ONC

MODERATORS:
Nabil Wasif, MB,BS, FACS, *Phoenix, AZ*
Heather B. Neuman, MD, FACS, *Madison, WI*

A Multi-Institutional Validation Study of Pancreatic Cyst Fluid Protein Analysis for Prediction of High-Grade Dysplasia in Intraductal Papillary Mucinous Neoplasms
Mohammad Al Efishat, MD; Marc Attiyeh, MD; Anna Lokshin, PhD; Christopher L. Wolfgang, MD, FACS; Michael I. D'Angelica, MD; Ronald P. DeMatteo, MD, FACS; Peter Kingham, MD; William R. Jarnagin, MD, FACS; Carlos Fernandez-del Castillo, MD, FACS; Peter J. Allen, MD, FACS. Memorial Sloan Kettering Cancer Center, New York, NY; Johns Hopkins Hospital, Baltimore, MD; Massachusetts General Hospital, Boston, MA

DISCUSSANT: Amer H. Zureikat, MB, BCh, FACS, *Pittsburgh, PA*

Non-Steroidal Anti-Inflammatory Drug Use Independently Increases Risk of Postoperative Pancreatic Fistula Following Pancreaticoduodenectomy
Stacy J. Kowalsky, MD; Mazen S. Zenati, MD, PhD; Jennifer Steve; Kenneth KW Lee III, MD; Melissa E. Hogg, MD; Herbert J. Zeh III, MD; Amer H. Zureikat, MD, FACS. University of Pittsburgh Medical Center, PA

DISCUSSANT: Matthew J. Weiss, MD, FACS, *Baltimore, MD*

The Effects of Travel Burden on Outcomes After Resection of Extrahepatic Biliary Malignancies: Results from the U.S. Extrahepatic Biliary Consortium
Sean O'Connor, MD; Harveshp D. Mogal, MD; Nora F. Fino; Perry Shen, MD; Cecilia G. Ethun; Timothy M. Pawlik, MD, MPH, PhD, FACS; George Pouldsides; Kamran Idrees, MD, FACS; Ryan C. Fields, MD; Sharon M. Weber, MD, FACS. Wake Forest Baptist Medial Center, Winston-Salem, NC

DISCUSSANT: Moderator(s)

Initial Report of Phase II Study of Adjuvant Chemotherapy of Gemcitabine with Nafamostat Mesilate for Pancreatic Cancer
Tadashi Uwagawa, MD, PhD; Taro Sakamoto; Yuichi Nakaseko; Yuki Takano; Kenei Furukawa, MD, PhD; Masaru Kanehira; Shinji Onda; Takeshi Gocho, MD; Hiroaki Shiba, MD, PhD; Katsuhiko Yanaga, MD, PhD, FACS. Jikei University School of Medicine, Tokyo, Japan

DISCUSSANT: Adam C. Yopp, MD, *Dallas, TX*

Confirming the Utility of an Improved and Simplified Pancreatic Adenocarcinoma Staging System Using the National Cancer Data Base
Benjamin J. Flink, MD, MPH; Lauren M. Kunz, PhD; David A. Kooby, MD, FACS; Theresa W. Gillespie, PhD; Volkan Adsay, MD. Atlanta Veterans Affairs Medical Center, Decatur, GA; Emory University, Atlanta, GA; National Institutes of Health, Bethesda, MD

DISCUSSANT: Todd M. Tuttle, MD, FACS, *Minneapolis, MN*

Neoadjuvant Treatment and Surgery vs. Immediate Surgery in Resectable Pancreatic Cancer
Benedetto Ielpo, MD; Hipolito Duran, MD, PhD; Eduardo Diaz; Isabel Fabra; Riccardo Caruso, MD; Luis Malave; Carlos Plaza, MD; Antonio Cubillo; Yolanda Quijano, MD, PhD; Emilio Vicente. Sanchinarro University Hospital, Madrid, Spain

DISCUSSANT: Clancy J. Clark, MD, FACS, *Winston-Salem, NC*

The Impact of Histologic Subtype on Survival of Retroperitoneal Liposarcoma: A Population-Based Study
Jane Yuet Ching Hui, MD; Schelomo Marmor, PhD; Gustave K. Diep; Elliot G. Arsoniadis, MD; Todd M. Tuttle, MD, FACS. University of Minnesota, Minneapolis, MN

DISCUSSANT: Aimee M. Crago, MD, PhD, FACS, *New York, NY*

The Negative Impact of Disease Burden and Primary Tumor Pathology on Cytoreductive Surgery in a Newly Established Center for Peritoneal Malignancy
Whitney Guerrero, MD; John Mays; Gitonga Munene, MD; Jeremiah L. Deneve, DO, FACS. University of Tennessee Health Science Center, Memphis, TN

DISCUSSANT: Moderator(s)

Similar Survival between Laparoscopic and Open Gastrectomy for Gastric Adenocarcinoma: Analysis of the National Cancer Database (NCDB)
Natalie R. Gwilliam, MD; Alexandra Kyrillos; Craig S. Brown; Brittany Lapin, MPH; Michael Ujiki, MD, FACS. University of Chicago, IL, NorthShore University HealthSystem, Evanston, IL

DISCUSSANT: Kaitlyn J. Kelly, MD, *La Jolla, CA*

Gain of Disability following Cancer Surgery among Elderly Americans: A Population-Based Matched Case-Control Study
Clancy J. Clark, MD; Harveshp D. Mogal, MD; Rebecca Dodson, MD; Perry Shen, MD, FACS. Wake Forest Baptist Health, Winston-Salem, NC

DISCUSSANT: Maria C. Russell, MD, FACS, *Atlanta, GA*

Ethnic, Racial, and Socioeconomic Factors in the Receipt of Multimodality Therapy in Gastric Adenocarcinoma: An Analysis from the National Cancer Data Base
Maria C. Russell, MD, FACS; Saurabh Chawla, MD; Jeffrey Switchenko, PhD; Theresa W. Gillespie, PhD. Emory University, Atlanta, GA

DISCUSSANT: Nabil Wasif, MB, BS, FACS, *Phoenix, AZ*

Reconstruction Outcomes Amongst Patients with Breast Cancer Undergoing Mastectomy in California: Disparities and Surgical Deserts
Halley Vora; Alice P. Chung, MD, FACS; Rodrigo F. Alban, MD, FACS. Cedars Sinai Medical Center, Los Angeles, CA

DISCUSSANT: Andrea Abbott, MD, *Mount Pleasant, SC*

SF51 | 8:00-11:15 am
Vascular Surgery III

LOCATION: 151A

TRACK: VAS

MODERATORS:
Matthew A. Corriere, MD, FACS, *Winston-Salem, NC*
Andrew W. Hoel, MD, FACS, *Chicago, IL*

Sensor-Free Computer Vision Hand-Motion Entropy and Video Analysis of Technical Performance during Open Vascular Surgery: Proof of Concept for Methodology
Colin F. Mackenzie, MD; Darcy Watts; Rajan R. Patel; Shiming Yang, PhD; Evan Garofalo, PhD; Adam C. Puche, PhD; Kristy Pugh; Guinevere Granite, PhD; Valerie Shalin, PhD; Samuel A. Tisherman, MD, FACS. University of Maryland School of Medicine, Baltimore, MD, University of Arizona, Phoenix, AZ, Wright State University, Dayton, OH

DISCUSSANT: Moderator(s)

Unplanned Return to Operating Room After Endovascular Abdominal Aortic Aneurysm Repair is an Independent Predictor for Hospital Readmission
Faisal Aziz, MB,BS, FACS; Amy B. Reed, MD, FACS. Penn State University, Hershey

DISCUSSANT: Gabriela Velazquez-Ramirez, MD, *Winston-Salem, NC*

Pulsatility Inhibits Non-Pulsatile Laminar Flow Induced-Degradation of IκBα in Endothelial Cells
Jiro Kurita, MD; Erik Benitez, MD; Bauer E. Sumpio, MD, FACS. Nippon Medical School, Tokyo, Japan

DISCUSSANT: Thomas S. Monahan, MD, FACS, *Baltimore, MD*

The Role of Overweight and Obesity in the occurrence and Outcomes of Venous Thromboembolism
Ayman El-Menyar, MD; Hassan Al-Thani, MD; Mohammad Asim, PhD. Hamad General Hospital, Doha, Qatar

DISCUSSANT: Moderator(s)

Factors Predicting Hospital Readmission after Lower Extremity Endovascular Interventions
Faisal Aziz, MB,BS, FACS; Amy B. Reed, MD, FACS. Penn State University, Hershey, PA

DISCUSSANT: Neal R. Barshes, MD, PhD, *Sienna Plantation, TX*

Transfer From Another Hospital Is Associated With Increased Morbidity and Mortality After Lower Extremity Bypass Surgery
Youngmin Chu, BA Faisal Aziz, MB, BS, FACS; Erik Lehman. Penn State University, Hershey

DISCUSSANT: Katherine A. Gallagher, MD, *Ann Arbor, MI*

Patterns of Inflammation in Patients with Hyperglycemia After Vascular Surgery
Rachel Thompson; Lucas W. Thornblade, MD; Sara Khor; David R. Flum, MD, FACS; Michael Sobel, MD. VA Puget Sound Health Care System, Seattle, WA; University of Nebraska Medical Center, Omaha, NE; University of Washington Medical Center, Seattle

DISCUSSANT: Yazan Duwayri, MB, BS, FACS, *Atlanta, GA*

VIDEO-BASED EDUCATION SESSIONS

These popular and well-attended sessions feature presentations by surgeons showcasing surgical procedures and current subjects across the spectrum of surgical practice. Each video has been submitted by the author(s) and has been reviewed and accepted by the Committee on Video-Based Education, the sponsor of all video-based education sessions.

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Urological Surgery 158
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Monday, October 17

VE01 | 9:45 am-1:00 pm
Colon and Rectal Surgery I

LOCATION: Walter E. Washington Convention Center, 207B

TRACK: CRS

COORDINATOR AND PRESIDING OFFICER:
Alan E. Harzman, MD, FACS; *Columbus, OH*

PANELISTS:
Jonathan S. Chun, MD; *Portland, OR*
I. Emre Gorgun, MD, FACS; *Cleveland, OH*

Transanal Down-To-Up Total Mesocolon Excision-Assisted by Single-Incision Laparoscopy
Giovanni Dapri, MD, PhD, FACS; *Brussels, Belgium*

Transanal Total Mesorectal Excision: A Standardized Approach Highlighted in Colorized Video Clips
Joep Knol, MD; Bert Houben; Guido Vangertruyden; *Hasselt, Belgium*

A Novel Technique to Treat Anastomotic Stricture Using Trans-Anal Minimally Invasive Surgery
Vemuru S. K. Reddy, MB,BS; Rebecca Stoner; Stephen M. Doane, MD; Scott D. Goldstein, MD, FACS; Benjamin Phillips, MD, FACS; Gerald Isenberg, MD; *Bronx, NY*

Colorectal Leaks Corrected by Transanal Minimally Invasive Surgery
Giovanni Dapri, MD, PhD, FACS; *Brussels, Belgium*

Choosing the Most Cost-Effective Setting and Techniques of Sacral Neuromodulation
Gonzalo F.H. Ruiz Galindo, MD, FACS; Jorge Silva-Velazco, MD; Sandra Sucar-Romero, MD; Javier Perez-Aguirre, MD; Lucia Oliveira, MD; *Mexico City, Mexico*; Steven D. Wexner, MD, FACS; *Weston, FL*

Robotic Ventral Rectopexy with Biologic Mesh in the Elderly
Audrey O'Connor, MD; Luay D. Ailabouni, MD; Philip G. Smith, MD, FACS; Jose R. Cintron, MD, FACS; *Richland, WA*; Herand Abcarian, MD, FACS; *Chicago, IL*

Transanal Minimal Invasive Surgery using da Vinci XI Robotic Platform
Laila Rashidi, MD; Amir L. Bastawrous, MD, FACS; Jennifer Lee, MD; *Galveston, TX*

Transanal Excision of Double Solitary Rectal Ulcer
Francesco Stipa, MD, FACS; Gaetano Vincenzo Cunsolo, MD; Annalisa Lo Conte; Antonio Burza, MD; *Rome, Italy*

Minimally Invasive Management of a Recurrent Fistulizing Crohn's Disease
Huriye H. Aydinli, MD; I. Emre Gorgun, MD, FACS; *Cleveland, OH*

Pelvic Organ Prolapse Suspension Using a Modified Technique
Giammauro Berardi, MD; Federico Tomassini, MD; Fioralba Pindozzi; Massimo Pezzatini; Anna Dall'Oglio, MD; Marcello Gasparrini, MD; Antonio Brescia; *Rome, Italy*

Trans-Anal Minimally Invasive Surgery for Managing Complications in Colorectal Surgery
Juan R. Flores-Gonzalez, MD; Deborah S. Keller, MD; Sergio H. Ibarra, MD; Eric M. Haas, MD, FACS; *Houston, TX*

Methylene Blue Mucosal Staining Improves Polyp Margin Identification during Trans-Anal Minimally Invasive Surgery
Alejandro Moreira Grecco, MD; Fernando Dip, MD; Gonzalo Zapata; Maria Eugenia De Faveri; Luis Sarotto; *Bueno Aires, Argentina*

Robotic Total Colectomy, Small Bowel & Abdominal Wall Resection En-Bloc
Audrey O'Connor, MD; Luay D. Ailabouni, MD; *Richland, WA*

VE02 | 9:45 am-1:00 pm
General Surgery I

LOCATION: Walter E. Washington Convention Center, 207A

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:
Patrick R. Reardon, MD, FACS; *Houston, TX*

Phrenoesophageal Ligament Deconstructed: A Surgical Video Demonstration and Analysis
Anusak Yiengpruksawan, MD, FACS; *Paramus, NJ*

Challenging Transcystic Laparoscopic CBDE: A Video Case Report
Lee M. Morris, MD; Patrick R. Reardon, MD, FACS; Mohammad S. Sultany, MD; *Houston, TX*

Laparoscopic Gastric Wedge Resection for Perforated Giant Gastric Ulcer
Reema Mallick, MD; Chin H. Lim, MD; Sayeed Ikramuddin, MD, FACS; *St. Paul, MN*

Contemporary Acute Care Surgery: Role of Laparoscopy
Daniel Guerron, MD; Shaina Eckhouse, MD; Nova L. Szoka, MD; Chan Park, MD; Jin S. Yoo, MD, FACS; Keri Seymour, DO; Ranjan Sudan, MD; Dana D. Portenier, MD, FACS; *Durham, NC*

64 Patients, One-Year Analysis of Paraesophageal Hernia Repair with Falciform Ligament Buttress
Benjamin R. Biteman, MD; Robert A. Grossman, MD; Fred Brody, MD, FACS; *Youngstown, OH*

Laparoscopic Management of Small Bowel Emergencies
Rym El Khoury, MD, Francisco Quinteros, MD; Rami E. Lutfi, MD, FACS; *Chicago, IL*

Robotic-Assisted Takedown of Third Nissen Fundoplication and Conversion to Gastric Bypass
Carlos A. Galvani, MD; Obiyo O. Osuchukwu, MD; Matt Apel, MD; Iman Ghaderi, MD; *Tucson, AZ*

Laparoscopic Ladd's Procedure
Dmitry Oleynikov, MD, FACS; Christopher Crawford, MD; *Marshfield, WI*

Uncomplicated Sigmoid Volvulus: Surgical or Medical Emergency?
Sherief Shawki, MB, BCh; Jean H. Ashburn, MD, FACS; Hermann P. Kessler, MD, FACS; *Cleveland, OH*

Laparoscopic Epiphrenic Diverticulectomy with Heller Myotomy
Jefferson Watson, MD; David Webb, MD; Nathaniel Stoikes, MD; Guy R. Voeller, MD, FACS; *Memphis, TN*

Robotic and Laparoscopic-Assisted Sigmoidectomy for Chronic Diverticulitis and Colovesical Fistula
Maher A. Abbas, MD, FACS; Daniel L. Moon, MD; Vikram Attaluri, MD; *Abu Dhabi, UAE*

Laparoscopic-Assisted Transgastric endoscope retrograde cholangiopancreatography with Sphincterotomy
Martin J. Carney III, MD; Adam Hauch, MD; Ryan Couvillion, MD; Henry Hefler, MD; Sanjay Sikka, MD; Douglas P. Slakey, MD, FACS; *New Orleans, LA*

VE03 | 11:30 am-1:00 pm
Subject-Oriented Symposium I: Novel Interventions in Bariatric Surgery

LOCATION: Walter E. Washington Convention Center, 206

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
Aurora D. Pryor, MD, FACS; *Stony Brook, NY* and Raul J. Rosenthal, MD, FACS; *Weston, FL*

Intragastric Balloons
Rachel L. Moore, MD, FACS; *Metairie, LA*

Ispire Assist
Shelby Sullivan, MD; *St. Louis, MO*

Single Anastomosis Duodenal Interposition
Daniel R. Cottam, MD; *Salt Lake City, UT*

Ileal Interposition with Fundogastroinvagination
Jorge A. R. Betancourt, MD; Hector M. Virgen-Ayala; Luis M. Flores Chavez; Narda C. Laurean; *Guadalajara, Mexico*

Valentx
Santiago Horgan, MD, FACS; *San Diego, CA*

Improving Sleeve Gastrectomy Technique using Fluorescent Imaging System
Nova L. Szoka, MD; Shaina Eckhouse, MD; Daniel Guerron, MD; Keri Seymour, DO; Chan Park, MD; Ranjan Sudan, MD; Dana D. Portenier, MD, FACS; Jin S. Yoo, MD, FACS; *Albuquerque, NM*

Vagus Nerve BLOC
Sajani N. Shah, MD; *Boston, MA*

Endoscopic Revision of Gastrojejunostomy
Salvatore Docimo, Jr., DO; *Staten Island, NY*

VE04 | 2:30-4:00 pm
Orthopaedic Surgery

LOCATION: Marriott Marquis Washington, DC, Marquis Salon 5

TRACK: ORT

COORDINATOR AND PRESIDING OFFICERS:
Christian W. Ertl, MD, FACS; *Kalamazoo, MI*
William J. J. Ertl, MD, FACS, FAAOS; *Oklahoma City, OK*

Gastrocnemius Contracture in Patients With and Without Foot Pathology
James Jastifer, MD; Jessica A. Marston, MD; *Kalamazoo, MI*

Combined Pediatric Orthopaedic Surgery and General Surgery Reconstruction of a Pediatric Amputated Limb
Christian W. Ertl, MD, FACS; Audrey F. Hand, MD; Nicholas Miladore, MD; Karen Bovid, MD; *Kalamazoo, MI*

Combined General and Plastic Surgery Reconstruction of a Traumatic Above the Knee, Amputated Limb Utilizing the Ertl Procedure
Christian W. Ertl, MD, FACS; Audrey F. Hand, MD; *Kalamazoo, MI*

Combined Orthopaedic and General Surgery Reconstruction of a Traumatic Amputated Limb
Christian W. Ertl, MD, FACS; Audrey F. Hand, MD; *Kalamazoo, MI*

VE05 | 2:30-4:00 pm
Otolaryngology–Head and Neck Surgery

LOCATION: Walter E. Washington Convention Center, 206

TRACK: OTO

COORDINATOR AND PRESIDING OFFICERS:
Ralph P. Tufano, MD, FACS; *Baltimore, MD*
Sanjay R. Parikh, MD, FACS; *Seattle, WA*

Robot-Assisted Transaxillary Total Thyroidectomy for Graves'Ophthalmopathy after Radio Active Iodine Ablation
Daniah Bu Ali, MD; Fadi Murad, MD; Sang-Wook Kang; Emad Kandil, MB, BCh, FACS; *New Orleans, LA*

Total Thyroidectomy with Combined Mandibulectomy and Neck Dissection Operation (Commando) for Follicular Thyroid Carcinoma Extending to the Substernal Area with Right Mandibular Bone Metastasis
Abelfrancisco Ramos, MD; Juan Carlos B. Marzan, MD; Ray Andrew B. Dimaano, MD; Rommel M. Galicia, MD; Roberto A. Sarmiento, MD; *Naga, Philippines*

Intracapsular Tonsillectomy and Adenoidectomy
Paul Krakovitz, MD, FACS; *Shaker Heights, OH*

Pleomorphic Adenoma of the Parotid Gland in a Patient with Grade III Microtia: An Anatomic Challenge on Superficial Parotidectomy
Juan Carlos Bello Marzan, MD; Kristine Kamille P. Nieto, MD; Ray Andrew B. Dimaano, MD; Rommel M. Galicia, MD; Roberto A. Sarmiento, MD; *Naga City, Philippines*

Feasibility of a Novel Robotic Platform for Laryngeal and Airway Surgery
Soham Roy, MD, FACS; *Houston, TX*

Endoscopic Approach, Petrous Apex Adenocarcinoma
Camilo Reyes, MD; Arturo Solares, MD; *Augusta, GA*

VE06 | 2:30-4:00 pm
General Surgery IV

LOCATION: Walter E. Washington Convention Center, 207B

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
Eren Berber, MD, FACS; *Cleveland, OH*
Alan A. Saber, MD, FACS; *Brooklyn, NY*

Vaginoplasty: Advances in Transgender Surgery
David M. Pechman, BA; David W Shi, MD; Heidi Emrani, MD; Zil Goldstein, NP; Aaron B. Grotas, MD; Marci L. Bowers, MD; Jess Ting, MD; *Miami, FL*

Analysis of 53 Patients Following Median Arcuate Ligament Release: Development of a Global Improvement Score
Benjamin R. Biteman, MD, MS; Robert A. Grossman, MD; Fred Brody, MD, FACS; *Washington, DC*

Three-Dimensional Configuration of Polypropylene Mesh with the Aid of Bioa Mesh to Solve Complex Lateral Incisional Hernia
Miguel Angel Garcia-Urena, MD, PhD; Luis Alberto Blazquez; Javier Lopez-Monclus, PhD; Alvaro Robin; Arturo Cruz, MD; Daniel Melero, MD; Armando Galvan, PhD; Enrique Gonzalez, MD, PhD; Almudena Moreno; Patricia Lopez, MD; Santiago Garcia-Hernandez; *Madrid, Spain*

Trans-Umbilical Laparoscopy Assisted Appendectomy
Ifongo Bombil, MD, FACS; Cynthia TszYing Cheung; *Alberton, South Africa*

Laparoscopic Resection Pancreatic Neuroendocrine Tumor
Benjamin R. Biteman, MD, MS; Krupa Desai, MD; Robert A. Grossman, MD; Fred Brody, MD, FACS; *Washington, DC*

Parathyroidectomy: Robot-Assisted Trans-Axillary Approach
Fadi Murad, MD; Daniah Bu Ali, MD; Sang-Wook Kang; Emad Kandil, MB, BCh, FACS; *New Orleans, LA*

Robotic Right Posterior Adrenalectomy with Lymphadenectomy for Pheochromocytoma
Nisar Zaidi, MD; Zanati M. Ahmed, MD; Rachel Slotcavage; Eren Berber, MD, FACS; *Cleveland, OH*

Robot-Assisted Transaxillary Right Thyroid Lobectomy
Daniah Bu Ali, MD; Fadi Murad, MD; Sang-Wook Kang; Emad Kandil, MB, BCh, FACS; *New Orleans, LA*

VE07 | 2:30-5:45 pm
Challenging and Unusual Problems in Surgery

LOCATION: Walter E. Washington Convention Center, 207A

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
Daniel M. Herron, MD, FACS; *New York, NY*

Laparoscopic Repair of Post-Esophagectomy Hiatal Hernia
Andrew Fritze, MD; Ziad T. Awad, MB, CHB, FACS; *Daytona Beach, FL*

Posterior Components Separation with Retro-Muscular Reinforcement for Complex Sternal Hernia
David M. Krpata, MD; Michael J. Rosen, MD, FACS; *Cleveland, OH*

Repair of Left Diaphragmatic Hernia and Achalasia
Imran Baig, DO; Ryan D. Horsley; Daaron McField, MD; Anthony T. Petrick, MD, FACS; *Danville, PA*

Right Traumatic Flank Hernia Repair: ETEP Access and Unilateral TAR
Igor Belyansky, MD, FACS; Hamid R. Zahiri, MD; Adrian E. Park, MD, FACS; *Annapolis, MD*

Laparoscopic Resection of Diaphragmatic Retroperitoneal Hemorrhagic Cyst
Giammauro Berardi, MD; Federico Tomassini, MD; Massimo Pezzatini; Anna Dall'Oglio, MD; Marcello Gasparrini, MD; Antonio Brescia; *Rome, Italy*

Revisional Laparoscopic Surgical Management of Complicated Foregut Cases
Chaya Shwaartz, MD; Brian Jacob, MD, FACS; Anthony Vine, MD, FACS; Mark Reiner, MD, FACS; Lester B. Katz, MD; *New York, NY*

Diaphragmatic Eventration Presenting as a Recurrent Diaphragmatic Hernia
Chaya Shwaartz, MD; Alexandra Argiroff, MD; Celia M. Divino, MD, FACS; Scott Q. Nguyen, MD, FACS; Linda P. Zhang, MD; Edward H. Chin, MD, FACS; *New York, NY*

Laparoscopic Repair of a Parahiatal Hernia Utilizing Gore-Tex Dual Mesh
Mohammad S. Sultany, MD; Patrick R. Reardon, MD, FACS; Lee M. Morris, MD, FACS; *Houston, TX*

Laparoscopic Bilateral Interstitial Hernia Repair
Vivian L. Wang, MD; Ben Martin, MD; Mihir Shah, MD; Jamil L. Stetler, MD; Ankit Patel, MD; John F. Sweeney, MD, FACS; Edward Lin, DO, FACS; S. Scott Davis, MD; *Atlanta, GA*

Laparoscopic Repair of a Diaphragmatic Liver Hernia
Horacio J. Asbun, MD, FACS; Diego Villacreses, MD; Enrique F. Elli, MD, FACS; *Jacksonville, FL*

Reoperative Completion Laparoscopic Cholecystectomy with Intraoperative Cholangiogram
Nicolas J. Bonamici, BS; Lava Patel, MD; Michael Ujiki, MD, FACS; John G. Linn, MD; *Wilmette, IL*

Laparoscopic Resection of an Unusual Intra-Abdominal Mass at the Celiac Axis: A Large Abdominal Schwannoma
James L. Crawford, MD; Karthik Thangappan; Michael J. Pucci, MD; Francesco Palazzo, MD; *Philadelphia, PA*

Video Presentation: Laparoscopic Repair of Hiatal Hernia after Sleeve Gastrectomy
Jingjing L. Sherman, MD; Daniel M. Herron, MD, FACS; *New York, NY*

VE08 | 6:30-8:30 pm
Clinical Workshop through Video

LOCATION: Marriott Marquis, Washington, DC, Marquis Salon 5

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
Alan A. Saber, MD, FACS; *Brooklyn, NY*

PANELISTS:
Giovanni Dapri, MD, PhD, FACS; *Brussels, Belgium*
Mousa A. R. Khoursheed, MB, CHB, FACS; *Safat, Kuwait*
Raul J. Rosenthal, MD, FACS; *Weston, FL*

Laparoscopic Sigmoid Resection and Small Bowel Resection with Temporary Ileostomy for Perforative Diverticulitis
PRESENTER: Barry A. Salky, MD, FACS; *New York, NY*
CO-AUTHORS: Andrew Wu, MD; *New York, NY*

Laparoscopic Conversion of Failed Adjustable Gastric Band to Biliopancreatic Diversion with Duodenal Switch
PRESENTER: Mariano Palermo, MD, FACS; *Buenos Aires, Argentina*
CO-AUTHORS: Nelson Trelles, MD; Michel Gagner, MD, FACS; *Montreal, QC*

Concurrent Laparoscopic Roux-en-Y Gastric Bypass and Heller's Myotomy in Treatment of Gastric Strictures and Achalasia
PRESENTER: David Nguyen, MD; *Weston, FL*
CO-AUTHORS: Raul J. Rosenthal, MD, FACS; Alexander Ramirez-Valderrama, MD; Alex Ordonez, MD; Emanuele Lo Menzo, MD, FACS

Totally Laparoscopic Total Gastrectomy Lymphadenectomy and Roux-en-Y Esophagojejunostomy
PRESENTER: Harsha Ajoodhea, MD; Hangzhou, China
CO-AUTHORS: Yiping Mou, MD, FACS; Xiao-Wu Xu, MD; Weilin Qi, MS; *Hangzhou, China*

Novel Treatment of Recurrent Hiatal Hernia after Laparoscopic Sleeve Gastrectomy
PRESENTER: William O. Richards, MD, FACS; *Mobile, AL*
CO-AUTHORS: Daniel Freno, MD; Barry Ballard, MD; Carl Maltese, MD; *Mobile, AL*

Gastroesophageal Junction Perforation Repair after Dilation for GE Junction Stricture
PRESENTER: Rana C. Pullatt, MD, FACS; *Charleston, SC*
CO-AUTHORS: William P. Lancaster, MD; Adam Franklin, MD; Ashley B. Hink, MD, MPH; Vinayak Rohan, MD; *Mount Pleasant, SC*

Technique of Peroral Endoscopic Myotomy (POEM) for Achalasia
PRESENTER: Eric M. Pauli, MD, FACS; *Hershey, PA*
CO-AUTHORS: Jeffrey M. Marks, MD, FACS; Jeffrey L. Ponsky, MD, FACS; *Cleveland, OH*

Laparoscopic Total Extraperitoneal (TEP) Inguinal Hernia Repair
PRESENTER: Daniel Shouhed, MD; *Los Angeles, CA*
CO-AUTHORS: Naif A. Alenazi, MD; Gustavo Fernandez, MD; Daniel M. Herron, MD, FACS; *New York, NY*

Transversus Abdominis Release for Complicated Umbilical Hernia
PRESENTER: Emil J. Fernando, MD; *University Heights, OH*
CO-AUTHORS: Alfredo D. Guerron, MD; Chad A. Zender, MD, FACS; Michael J. Rosen, MD, FACS; *Cleveland, OH*

Open Pancreatoduodenectomy for a Solid Pseudopapillary Tumor That Provoke a Portal Hypertension-Like Syndrome
PRESENTER: Alessandro Coppola, MD; *Rome, Italy*
CO-AUTHORS: Francesco Santullo, MD; John A. Stauffer, MD, FACS; Horacio J. Asbun, MD, FACS; *Jacksonville, FL*

Tuesday, October 18

VE09 | 8:00-9:30 am
Pancreas Surgery

LOCATION: Walter E. Washington Convention Center, 207A

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:
Carlos U. Corvera, MD, FACS; *San Francisco, CA*

Strategies for Bleeding Control during the Uncinate Process Dissection in Robotic-Assisted Pancreato-Duodenectomy
Francesco M. Bianco, MD; Luis A. Gonzalez-Ciccarelli, MD; Mario Masrur, MD; Despoina Daskalaki, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

Complete Laparoscopic Spleen-Preserving Distal Pancreatectomy without Splenic Vessels Ligation
Masato Kondo, MD, FACS; *Kobe, Japan*

Two-Arm Robotic Enucleation of Insulinoma in the Pancreatic Tail
Hubert Luu, MD; Insoo Suh, MD; Catherine Tang, MD; Carlos U. Corvera, MD, FACS; *San Francisco, CA*

Complex Kocher Maneuver Due to Retroperitoneal Adhesions during a Robotic Pancreaticoduodenectomy
Pablo Quadri, MD; Despoina Daskalaki, MD; Raquel Gonzalez-Heredia, MD, PhD; Luis Gonzalez-Ciccarelli, MD; Samarth Durgam, MD; Mario A. Masrur, MD; Francesco M. Bianco, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

Laparoscopic Duodenum-Preserving Pancreatic Head Resection
Jiayu Zhou, MD; Yiping Mou, MD, FACS; Chao Lu; Renchao Zhang, MD; Chaojie Huang; *Hangzhou, China*

Laparoscopic Frey Procedure with Robotic Reconstruction in a Community Hospital
Michele Richard, MD; Daniel Kleiner, MD; Ian Schlieder, DO; *Danbury, CT*

VE10 | 8:00-11:15 am
International Video Session

LOCATION: Walter E. Washington Convention Center, 206

TRACKS: GEN, INT

COORDINATOR AND PRESIDING OFFICER:
Giovanni Dapri, MD, PhD, FACS; *Brussels, Belgium*

PANELISTS:
Alfred Allen E. Buenafe, MD, FACS; *Batangas City, Philippines*
Davide Lomanto, MD; *Singapore, Singapore*
Alan A. Saber, MD, FACS; *Brooklyn, NY*

Pushing the Envelope: Laparoscopy and Primary Anastomosis Are Technically Feasible in Stable Patients with Hinchey IV Perforated Acute Diverticulitis and Faecal Peritonitis
Salomone Di Saverio, MD, FACS; Arianna Birindelli; Sandra Vennix; Alice Piccinini, MD; Antonio Tarasconi, MD; Luca Di Donato, MD; Sara Pellegrini; Francesca Nigro; Gregorio G. Tugnoli, MD; Willem A. Bemelman; *Bologna, Italy*

Laparoscopic Rectal Resection with Transanal Total Mesorectal Excision
Julio Fortunato Marques So Leite, MD, FACS; Antonio C. Manso, MD; Luis M. Ferreira, MD; Ana S. Oliveira, MD; Francisco Castro-Sousa; *Coimbra, Portugal*

Laparoscopic Right Hemicolectomy (D3+CME) for Right Colon Cancer
Yixin Tong, MD; *Wuhan, China*

Transanal Re-Excision of High-Risk Residual Rectal Polipoid Neoplasm
Francesco Stipa, MD FACS; Gaetano V. Cunsolo, MD; Annalisa Lo Conte; Antonio Burza, MD; *Rome, Italy*

Laparoscopy-Assisted Distal Gastrectomy: D2 Plus CME
Daxing Xie, MD; Chaoran Yu, MD; Jianping Gong, MD; *Wuban, China*

Total Laparoscopic Pancreaticoduodenectomy in a Patient with a Replaced Hepatic Artery and Sleeve Gastrectomy
Natalia Cortes, MD; Fernando Arias; Lina Parra, MD; Wilson Riao, MD; Cristian Paez, MD; Gabriel Herrera-Almario, MD; Laura Loaiza, MD; Carolina Ocampo, MD; *Bogota, Colombia*

Synchrony Laparoscopic Surgery: Right Colectomy and Right Hepatic Enlarged Segmentectomy
Gennaro Giovanni Orlando, MD; Martine Goergen, MD; Juan S. Azagra, MD; *Luxembourg, Luxembourg*

Minimally Invasive Video-Assisted Parathyroidectomy with Intraoperative Nerve Stimulation
Vasileios Drakopoulos, MD, PhD, FACS; Nikolaos Roukounakis, MD; Athanasios Bakalis, MD; Sotirios Voulgaris, MD; Sotiria Tsogka, MD; Spiros Drakopoulos, MD; *Athens, Greece*

Laparoscopic Liver Resection for the Tumors Located in the Posterior Section with Caudal Approach and Postural Changes
Zenichi Morise, MD, PhD, FACS; *Nagoya, Aichi, Japan*

Pure Laparoscopic Right Hepatectomy with ICG Immunofluoresence Study in Patient with Hcc and Cirrhosis
Tan To Cheung, MD; Chung Mau Lo, MB, BS, FACS(Hon); *Hong Kong, China*

How to Teach Laparoscopic Hepatic Resection 20 Years after My First One
Cristiano Huscher, MD, FACS; *Isernia, Italy*

Laparoscopic Radical Neprho-Uretherectomy and Cholecystectomy
Marco Maria M. Lirici, MD, FACS; Luigi Simonelli, MD; Valentina Romeo, MD; *Rome, Italy*

VE11 | 9:45-11:15 am
Hepatobiliary Surgery I

LOCATION: Walter E. Washington Convention Center, 207A

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
David A. Kooby, MD, FACS; *Atlanta, GA*
Danny Yakoub, MD; *Davie, FL*

Robot-Assisted Radical Antegrade Modular Pancreatosplenectomy (RAMPS) for Borderline Resectable Pancreatic Cancer: The SMA-First Approach
Courtney E. Barrows, MD; Sjors Klompmaker; Tara S. Kent, MD, FACS; A. James Moser, MD; *Watertown, MA*

Associated Liver Partial Partition and Trans-Ileocecal Portal Vein Embolization for Staged Hepatectomy
Norihiro Kokudo, MD, FACS;Yoshihiro Sakamoto, MD, PhD; Fuyuki Inagaki, MD; Omichi Kiyohiko, MD; Naoki Okura, MD; Kiyoshi Hasegawa, MD, FACS; *Tokyo, Japan*

Extended Resection to Segments I and IV in Carcinoma of the Biliary Confluence Surgeon
Enrique Moreno Gonzalez, MD, FACS; *Madrid, Spain*

Right Lobectomy Extended to Segment I and Double Non-Anatomic Resection On Segments II and III Surgery
Enrique Moreno Gonzalez, MD, FACS; *Madrid, Spain*

Hepatoblastoma with Portal Vein Thrombosis Surgery
Enrique Moreno Gonzalez, MD, FACS; *Madrid, Spain*

Open Resection of a Left Hepatic Duct and Intrahepatic Biliary Cystadenoma with Intraductal Extension into Common Hepatic Duct
Horacio J. Asbun, MD, FACS; Edwin Onkendi, MB, ChB; John A. Stauffer, MD, FACS; *Jacksonville, FL*

VE12 | 9:45-11:15 am
Neurological Surgery

LOCATION: Marriott Marquis Washington, DC, Marquis Salon 5

TRACK: NEU

COORDINATOR AND PRESIDING OFFICER:
Isabelle M. Germano, MD, FACS; *New York, NY*

Brain Tumor Surgery with Intraoperative (5ALA) Fluorescence Guidance
Isabelle M. Germano, MD, FACS; *New York, NY*

Head Trauma
Shelly D. Timmons, MD, PhD, FACS, FAANS; *Danville, PA*

Technique for Laparoscopic-Assisted Ventriculoperitoneal Shunt
Daniela Treitl, MD; Allen Kantrowitz, MD; Todd Lasner, MD; Stephen W. Unger, MD, FACS; Jennifer D. Davies, MD, FACS; *Miami Beach, FL*

Posterior Microforaminotomy: An Alternative to Anterior Discectomy and Fusion (ACDF)
Azedine Medhkour, MD, FAANS, FACS; Shravan Muralidharan; Bouthyna A. Issa, MD; *Toledo, OH*

How to Manage Intraoperative Brain Aneurysms Rupture
Azedine Medhkour, MD, FAANS, FACS; Mouhammed Jumaa, MD; Syed Zaidi, MD; Fatimah Albrekkan, MD; *Toledo, OH*

VE13 | 9:45-11:15 am
Obstetrics and Gynecology

LOCATION: Walter E. Washington Convention Center, 143A

TRACK: OBG

COORDINATOR AND PRESIDING OFFICERS:
Camran R. Nezhat, MD, FACS; *Palo Alto, CA*
Farr R. Nezhat, MD, FACS; *New York, NY*

PANELISTS:
Allan A. Adajar, MD, FACOG, FACS; *Chicago, IL*
Maria Andrikopoulou, MD; *Mineola, NY*

The Use of Indocyanine Green in Laparoscopic Uterine Artery Transection
Allan A. Adajar, MD, FACOG, FACS; John V. Knaus, DO; Mariam Hanna, MD; Chicago, IL

Ovarian Cancer Laparoscopic Hysterectomy and Staging in a Patient with History of Intraperitoneal Renal Transplant
Farr R. Nezhat, MD, FACS; Maria Andrikopoulou, MD; Patrick F. Vetere, MD, FACS; *Mineola, NY*

Shaving of Bowel Endometriosis
Camran R. Nezhat, MD, FACS; *Palo Alto, CA*

Robotic Repair of Inferior Vena Cava Injury During Para-Aortic Lymphadenectomy for Endometrial Cancer
Saketh R. Guntupalli, MD, FACS; Michael S. Guy, MD; *Aurora, CO*

Laparoscopic Segmental Colon Resection for Severe Endometriosis
Camran R. Nezhat, MD, FACS; *Palo Alto, CA*

Robotic and Laparoscopic Repair of Cesarean Section Uterine Scar
Farr R. Nezhat, MD, FACS; Maria Andrikopoulou, MD; Azadeh Nezhat, MD, Mohamad S. Mahmood, MD; L. Grace, MD; Camran R. Nezhat, MD, FACS; *New York, NY*

Robotic Partial Deeply Infiltrating Endometriosis of the Bladder Wall
Farr R. Nezhat, MD, FACS; Nisha Lakhi, MD; *New York, NY*

Video-Assisted Thoracoscopic Treatment of Endometriosis
Camran R. Nezhat, MD, FACS; *Palo Alto, CA*

VE14 | 9:45-11:15 am
Subject-Oriented Symposium II: Complex Endocrine Neck Surgery

LOCATION: Walter E. Washington Convention Center, 207B

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
James A. Lee, MD, FACS; *New York, NY* and William B. Inabnet III, MD, FACS; *New York, NY*

Robotic Bilateral Axillo-Breast Approach (BABA) Thyroidectomy
Hyunsuk Suh, MD; *Fort Lee, NJ*

Central and Lateral Neck Dissection for Well-Differentiated Thyroid Cancer
James K. Byrd, MD; *Augusta, GA*

Continuous Vagus Nerve Stimulation in a Robotic Trans-Axillary Thyroidectomy
Fadi Murad, MD; Daniah Bu Ali, MD; Sang-Wook Kang; Emad Kandil, MB, BCh, FACS; *New Orleans, LA*

Excision of Ectopic Left Submandibular Parathyroid Gland with Indocyanine Green Imaging
Nisar Zaidi, MD; Zanati M. Ahmed, MD; Rachel Slotcavage; Eren Berber, MD, FACS; *Beachwood, OH*

Surgical Management of Medullary Thyroid Cancer
Nancy D. Perrier, MD, FACS; *Houston, TX*

Parathyroidectomy in Patients with Familial Endocrinopathy
Naris Nilubol, MD, FACS; *Bethesda, MD*

VE15 | 11:30 am-12:30 pm
Icons in Surgery I

LOCATION: Walter E. Washington Convention Center, 207B

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
William O. Richards, MD, FACS; *Mobile, AL*, Steven D. Schwaitzberg, MD, FACS; *Buffalo, NY*, and William B. Inabnet III, MD, FACS; *New York, NY*

Orlo Clark, MD, FACS

DISCUSSANT: Wen T. Shen, MD, FACS; *San Francisco, CA*

Walter J. Pories, MD, FACS

DISCUSSANT: Emmanuel E. Zervos, MD, FACS; *Greenville, NC*

VE16 | 12:45-2:15 pm
Cardiothoracic Surgery

LOCATION: Walter E. Washington Convention Center, 206

TRACK: CTS

COORDINATOR AND PRESIDING OFFICERS:
Thomas J. Birdas, MD, FACS; *Indianapolis, IN* and Siva Raja, MD, FACS; *Cleveland, OH*

Repair of Giant Coronary Artery Aneurysm with Right Atrial Fistula
Daniel Freno, MD; Carl Maltese, MD; *Mobile, AL*

HVAD in Patient with Transposition of the Great Arteries (TGA) Status Post Mustard
Michael Tong, MD; Vincent Cruz; Nader Moazami; Nicholas Smedira; *Cleveland, OH*

Laparoscopic Recurrent Giant Paraesophageal Hernia Repair in the "Unfriendly" Abdomen
Carlos J. Anciano, MD; James E. Speicher, MD; Mark D. Iannettoni, MD, FACS; *Greenville, NC*

Minimally Invasive Three-Field Esophagectomy
Caitlin H. Brown, MD; Nathan Bronson, MD; James P. Dolan, MD, FACS; Paul H. Schipper, MD, FACS; Brandon H. Tieu, MD, FACS; John G. Hunter, MD, FACS; *Portland, OR*

Robot-Assisted Transabdominal Esophageal Diverticulectomy, Heller Myotomy, and Dor Fundoplication
Raghav A. Murthy, MB, BS; Kemp H. Kernstine, Sr., MD, FACS; *Dallas, TX*

Two-Stage Minimally Invasive Ivor-Lewis Esophagectomy
Derek Serna-Gallegos, MD; *Los Angeles, CA*

Video-Assisted Thoracic Surgery for Refractory Ventricular Tachycardia
Derek Serna-Gallegos, MD; *Los Angeles, CA*

Pulmonary Embolectomy for Acute Pulmonary Embolism
Michael Tong, MD; *Cleveland, OH*

Repair of Mitral Valve Endocarditis with Gerbode's Defect
Michael Tong, MD; *Cleveland, OH*

VE17 | 12:45-4:00 pm
Colon and Rectal Surgery II

LOCATION: Walter E. Washington Convention Center, 207A

TRACK: CRS

COORDINATOR AND PRESIDING OFFICER:
Alessandro Fichera, MD, FACS; *Seattle, WA*

PANELISTS:
Walter A. Koltun, MD, FACS, FASCRS; *Hershey, PA*
Scott A. Strong, MD, FACS, FASCRS; *Chicago, IL*

Laparoscopic Extended Right Hemicolectomy with Complete Mesocolic Excision
Hermann P. Kessler, MD, PhD; *Cleveland, OH*

York Mason Approach for Rectourethral Fistula Repair
Justin Brady, MD; Avinash Bhakta, MD; Kyle Scarberry, MD; Yuxiang Wen, BM; Christopher M. Gonzalez, MD; Harry L. Reynolds, MD; Sharon L. Stein, MD, FACS; *Cleveland, OH*

A Novel Approach to Remove a Large Ascending Colon Lesion via Laparoscopic Stapling with ESD
Jeffrey Mino, MD, MPH; Cigdem Benlice, MD; I. Emre Gorgun, MD, FACS; *Cleveland, OH*

Laparoscopic Complete Mesocolic Excision with Three-Dimensional Visualization of Surgical Anatomy Around the GCT for Right Colon Cancer
Shinichiro Mori, PhD, MD; Yoshiaki Kita; Kenji Baba; Masayuki Yanagi; Kan Tanabe; Yasuto Uchikado; Takaaki Arigami; Yoshikazu Uenosono; Hiroshi Okumura; Akihiro Nakajo; Kosei Maemura; Shoji Natsugoe; *Kagoshima, Japan*

Over-the-Scope Clip Closure of Enterocutaneous Fistula: A Novel Approach
Kaci D. Sims, MD, MPH; Paul F. Rider, MD; *Mobile, AL*

Laparoscopic Hartmann's Reversal: Tips and Tricks for Successful Completion
Jadd W. Koury, MD; Christopher J. Sneider, MD; *Hummelstown, PA*

Revision of Dysfunctional Ileal Pouch-Anal Anastomosis with Discussion of Technical Pitfalls
Rosebel Monteiro, MD; Jeffrey Mino, MD; Anthony L. DeRoss, MD, FACS; Feza H. Remzi, MD, FACS; *South Euclid, OH*

Laparoscopic Lateral Pelvic Lymph Node Dissection for Locally Advanced Rectal Cancer
Mitsuyoshi Ota, MD; Jun Watanabe, MD; Kazuya Nakagawa, MD; Hirokazu Suwa; Atsushi Ishibe; Chikara Kunisaki; Itaru Endo; *Yokohama, Japan*

Laparoscopic Peritoneal Lavage for Perforated Diverticulitis
Barnard J. Palmer, MD, FACS; Shailvi Gupta, MD; Abhishek D. Parmar, MD; John Swanson, MD; Emily J. Miraflor, MD; *Oakland, CA*

Laparoscopic Sigmoid Resection with Sigmoidvesical Fistula in Recurrent Diverticulitis
Barry A. Salky, MD, FACS; *New York, NY*

Right Hemicolectomy with a Total Mesocolon Excision (TME)
Stelio Sampaio Rua, MD; Joao Garia, MD; *Lisbon, Portugal*

Right Hemicolectomy in Emergency
Stelio Sampaio Rua, MD; Paulo S. Mira; Frederic Cruz, MD; *Lisbon, Portugal*

Laparoscopic Take-Down of Ileosigmoid Fistula in Crohn's Disease
Anne M. Stey, MD; Adrian Greenstein, MD; Alexander J. Greenstein, MD, FACS; *Los Angeles, CA*

VE18 | 12:45-4:00 pm
Controversies in General Surgery

LOCATION: Marriott Marquis, Washington, DC, Marquis Salon 5

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
Don J. Selzer, MD, FACS; *Indianapolis, IN* and Daniel M. Herron, MD, FACS; *New York, NY*

The Sandwich Method for Parastomal Hernia Repair
Yukiko Kumata, MD; Hiroki Hashida, MD, FACS; Satoshi Kaihara, MD; *Kobe, Japan*

Robot-Assisted Splenectomy with Ex Vivo Bench Surgery and Hemi-Spleen Autotransplant
Francesco M. Bianco, MD; Luis Gonzalez-Ciccarelli, MD; Despoina Daskalaki, MD; Raquel Gonzalez-Heredia, MD, PhD; Samarth Durgam, MD; Pablo Quadri, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

Use of Indocyanine Green Fluorescence following Robotic Splenic Artery Aneurysm Repair
Aslam Ejaz, MD, MPH; Raquel Gonzalez-Heredia, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

A Complex Laparoscopic Case of Completion Splenectomy and Textiloma Removal
Keisha P Bonner, MD; Tiffany Jarrett; Leaque Ahmed, MD, FACS; *New York, NY*

Unusual Hernia Recurrence Nine Years Following Open Repair of Bilateral Spigelian Hernia Utilizing Prolene Hernia System
Maen J. Farha, MD, FACS; Matthew Kelley, MD; Omar Ghanem, MD; *Baltimore, MD*

De Garengeot's Hernia
Hassan Aziz, MD; Iman Ghaderi, MD; James McClenathan, MD; *Tucson, AZ*

Laparoscopic (Natural Orifice Specimen Extraction) NOSE Subtotal Gastrectomy for Cancer
Cristiano Huscher, MD, FACS; *Isernia, Italy*

Video Case Series: Endoscopic Closures of Perforated Viscus in Various Settings
Marc A. Ward, MD; Lava Patel, MD; Michael Ujiki, MD, FACS; *Chicago, IL*

Robotic Total Esophagectomy for Acute Extensive Esophageal Necrosis after Caustic Ingestion
Mario A. Masrur, MD; Luis F. Gonzalez-Ciccarelli, MD; Despoina Daskalaki, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

Bilateral Adrenalectomy Using Real-Time ICG Florescence Guidance
Jesse R. Gutnick, MD; Eren Berber, MD, FACS; *Cleveland Heights, OH*

VE19 | 2:30-4:00 pm
Thoracic Surgery

LOCATION: Walter E. Washington Convention Center, 206

TRACK: CTS

COORDINATOR AND PRESIDING OFFICERS:
Robert J. Cerfolio, MD, FACS; *Birmingham, AL* and Dawn E. Jaroszewski, MD, FACS; *Phoenix, AZ*

Minimally Invasive Ivor Lewis Esophagectomy for Esophageal Cancer
Saurabh Singhal, MB, BS; Shunsuke Akimoto, MD; Sumeet K. Mittal, MD, FACS; *Omaha, NE*

Thoracoscopic Upper Mediastinal Lymphadenectomy for Esophageal Squamous Cell Carcinoma in Prone Position
Shigeru Tsunoda, MD; Hisashi Shinohara, MD, PhD; Hisahiro Hosogi, MD, PhD; Shigeo Hisamori, MD; Yoshiharu Sakai, MD, FACS; *Kyoto, Japan*

Multidisciplinary Management and Repair of a Traumatic Posterior Membraneous Tracheal Tear
Erin A. Gillaspie, MD; Meghana Helder, MD; David L. Joyce, MD, FACS; Craig E. Daniels, MD; Richard J. Patch III, MD; Gregory J. Schears, MD; Shanda H. Blackmon, MD, FACS; *Rochester, MN*

Three-Dimensional Video-Assisted Thoracic Surgery Lobectomy in an Infant
Lisa E. McMahon, MD; Maria Linneas, MD; Erin M. Garvey, MD; Dorothy H. Rowe, MD, FACS; *Phoenix, AZ*

Robot-Assisted Resection of a Large Mediastinal Parathyroid Cyst
Raghav A. Murthy, MB, BS; Kemp H. Kernstine, Sr., MD, FACS; *Dallas, TX*

Robot-Assisted Diaphragm Plication
Raghav A. Murthy, MB, BS; Kemp H. Kernstine, Sr., MD, FACS; *Dallas, TX*

Robotic Lung Preserving Sleeve Resection of a Carcinoid Tumor Bronchus Intermedius
Samantha Baker, MD; Robert J. Cerfolio, MD, FACS; *Mobile, AL*

Endoscopic Division of a Zenker Divericulum with a LigaSure Device
Derek F. Serna-Gallegos, MD; Harmik Soukiasian, MD, FACS; Nicholas Manguso, MD; *Los Angeles, CA*

Video-Assisted Thoracic Surgery for Refractory Ventricular Tachycardia
Derek F. Serna-Gallegos, MD; Harmik Soukiasian, MD, FACS; *Los Angeles, CA*

Two-Stage Minimally Invasive Ivor-Lewis Esophagectomy
Derek F. Serna-Gallegos, MD; Harmik Soukiasian, MD, FACS; *Los Angeles, CA*

VE20 | 2:30-5:45 pm
General Surgery II—Oncology

LOCATION: Walter E. Washington Convention Center, 207B

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
David A. Kooby, MD, FACS; *Atlanta, GA*, Jon C. Gould, MD, FACS; *Milwaukee, WI,* and Pascal Fuchshuber, MD, FACS; *Walnut Creek, CA*

Superficial Inguinal Lymph Node Dissection
Todd Bierman, MD; Marcus Tan, MD; *Mobile, AL*

Minimally Invasive Surgical Strategy to Reduce Tumoral Risk in Patients with Hereditary Diffuse Gastric Cancer (HDGC) Full Robot-Assisted Total Gastrectomy
Emilio Vicente, MD, PhD, FACS; Yolanda Quijano, MD; Benedetto Ielpo, MD; Hipolito Duran, MD; Eduardo Diaz, MD; Isabel Fabra, MD; Riccardo Caruso, MD; Luis Malave, MD; Valentina Ferri, MD; Carlos Plaza, MD; *Madrid, Spain*

Laparoscopic Retroperitoneal Lymph Node Excision
Scott Kizy, MD; Sayeed Ikramuddin, MD, FACS; Helen Davido; Kristin Ritter, MD; *Minneapolis, MN*

Laparoscopic Psoas Tumor Excision
Andrew W. McGregor, MD; Daniel Kleiner, MD; *Danbury, CT*

Laparoscopic Duodenojejunostomy
Dmitry Oleynikov, MD, FACS; Christopher Crawford, MD; *Marshfield, WI*

Intragastric Resection of GE Junction Mass
Rana C. Pullatt, MD, FACS; Mary Jordan, MD; Jane Kilkenny; Nicholas Ward, MD; Bennet Caulder, MD; Benjamin White, MD; Yana Mikhaylov, MD; *Charleston, SC*

A New Device for Minimally Invasive Video-Assisted Thyroidectomy (MIVAT): Sonicision
Gabriele Materazzi, MD; Carlo E. Ambrosini, MD; Marco Biricotti, MD; Lorenzo Fregoli, MD; Gianluca Frustaci, MD; Paolo Miccoli, MD, FACS; *Pisa, Italy*

Laparoscopic Distal Gastrectomy for Cancer
Francesco Stipa, MD, FACS; Gaetano V. Cunsolo, MD; Annalisa Lo Conte; Matteo Cinquepalmi; Antonio Burza, MD; *Rome, Italy*

Robot-Assisted Total Gastrectomy for a De Novo Gastric Cancer after Sleeve Gastrectomy
Mario A. Masrur, MD; Luis Fernando Gonzalez-Ciccarelli, MD; Despoina Daskalaki, MD; Enrique F. Elli, MD, FACS; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

Lateral Access in Breast Conservative Surgery
Valeria Vitale, MD; Gaetano Vincenzo Cunsolo, MD; Chiara Scandavini, MD; Augusto Lombardi, MD; Gianluca Stanzani, MD; Stefano Maggi, MD; Claudio Amanti, MD; *Rome, Italy*

Laparoscopic Total Gastrectomy for Cancer
Francesco Stipa, MD, FACS; Gaetano V. Cunsolo, MD; Annalisa Lo Conte; Antonio Burza, MD; *Rome, Italy*

VE21 | 6:30-8:30 pm
Best Videos from the Past

LOCATION: Marriott Marquis, Washington, DC, Marquis Salon 5

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:
David B. Renton, MD, FACS; *Columbus, OH*

PANELIST:
Matthew I. Goldblatt, MD, FACS; *Milwaukee, WI*

Penetrating Cardiac Injury; From ER to OR and Further
Don Reif; Yassir S. Abdulrahman, MD; Mazin Tuma, MD; Sharon Mathew, MD; Sajid Atique, MD; Ismail Mahmood, MD; Ashok Parchani, MD; Hassan A. Al Thani, MD, FACS; *Doha, Qatar*

Combined Laparoscopic Component Separation and Laparoscopic Hernia Repair for a Complex Incisional Hernia
Brian Jacob, MD; Rodney J. Mason, MB, BCh, FACS; *New York, NY*, Ashkan Moazzez, MD, FACS; *Los Angeles, CA*, Michael J. Rosen, MD, FACS; *Cleveland, OH*

4:1 Fascial Suturing: Understanding Optimal Laparotomy Closure Techniques
Eric M. Pauli, MD, FACS; David M. Krpata, MD; Yuri W. Novitsky, MD; Jeffrey L. Ponsky, MD, FACS; Michael J. Rosen, MD, FACS; *Cleveland, OH*

Abdominal Wall Reconstruction Utilizing Transversus Abdominis Release (TAR) in a Patient with Massive Loss of Domain
Eric M. Pauli, MD, FACS; David M. Krpata, MD; Michael J. Rosen, MD, FACS; Yuri W. Novitsky, MD, FACS; *Cleveland, OH*

Fluorescence Guided Laparoscopic Cholecystectomy for Acute Cholecystitis in Cirrhotic Patient
Luigi Boni, MD, FACS; Gianlorenzo Dionigi, MD, FACS; Stefano Rausei, MD; Giulia David, MD; Sebastiano Spampatti, MD; Elisa Cassinotti; *Varese, Italy*

Why Stomach Intestinal Pyloric Sparing Surgery (SIPSS) Makes Sense: A Modified Duodenal Switch
Andrew R. Brownlee, MD; Mitchell S. Roslin, MD, FACS; *New York, NY*

Endoscopic Infected Mesh Removal Following Redo Laparoscopic Nissen Fundoplication
Matthew E. Gitelis, BS; Sakeena Payne, MD; Michael Ujiki, MD, FACS; *Evanston, IL*

Laparoscopic Treatment of Acutely Perforated Duodenal Ulcer with Primary Closure and Highly Selective Vagotomy
Ryan C. Broderick, MD; Christina R. Harnsberger, MD; Alberto S. Gallo, MD; Hans F. Fuchs, MD; Martin A. Berducci, MD; Alisa M. Coker, MD; Bryan J. Sandler, MD, FACS; Garth R. Jacobsen, MD, FACS; Santiago Horgan, MD, FACS; *San Diego, CA*

Robotic Repair of Acute Bile Duct Injury
Ramanathan Seshadri, MD; Ryan Z. Swan, MD; David A. Iannitti, MD, FACS; John B. Martinie, MD, FACS; *Charlotte, NC*

Sports Hernia Repair
Robert A. Grossman, MD; Fred J. Brody, MD, FACS; Jeffrey N. Harr, MD; Benjamin R. Biteman, MD; *Washington, DC*

Wednesday, October 19

VE22 | 9:45-11:15 am
Endocrine Surgery

LOCATION: Walter E. Washington Convention Center, 207B

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
Barnard J. Palmer, MD, FACS; *Oakland, CA* and Jacob Moalem, MD, FACS; *Rochester, NY*

Giant Bilateral Adrenal Masses: Hybrid Resection Technique
Dustin L. Eck, MD; Horacio J. Asbun, MD, FACS; Daniel Kim, MD; *Jacksonville, FL*

Laparoscopic Adrenalectomy of a Hemorrhagic Pheochromocytoma
Aida Taye, MD; Shira Saul, MD; Darshak Shah, MD; Gustavo Fernandez-Ranvier, MD; Alice Levine, MD; William B. Inabnet III, MD, FACS; *New York, NY*

En-Bloc Right Adrenalectomy with Right Hepatectomy for Locally Advanced Adrenocortical Carcinoma
Nisar Zaidi, MD; Federico Aucejo, MD; Eren Taskin; Erol Aksoy; Eren Berber, MD, FACS; *Beachwood, OH*

Robotic Posterior Bilateral Cortical Sparing Adrenalectomy for Men2-Associated Pheochromocytomas
Nisar Zaidi, MD; Zanati M. Ahmed, MD; Jesse Gutnick; Eren Berber, MD, FACS; *Beachwood, OH*

Robotic Enucleation of Insulinoma at Uncinate, Two-Console Approach
Hubert Luu, MD; Carolyn Seib, MD; Insoo Suh, MD; Carlos U. Corvera, MD, FACS; *San Francisco, CA*

Laparoscopic Resection of a Retroperitoneal Mass
Jesse Gutnick, MD; Muhammad Etiwy, MD; Vikram D. Krishnamurthy, MD; Allan Siperstein, MD, FACS; *Cleveland, OH*

VE23 | 9:45-11:15 am PtS
Subject-Oriented Symposium III: Management of Complications in Gastrointestinal Surgery

LOCATION: Walter E. Washington Convention Center, 207A

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
Archana Ramaswamy, MD, FACS; *Minneapolis, MN* and Rami E. Lutfi, MD, FACS; *Chicago, IL*

Early Small Bowel Obstruction Due to Incarceration at Peritoneal Defect after TEP Repair
Chaya Shwaartz, MD; Alexandra Argiroff, MD; Celia M. Divino, MD, FACS; Scott Q. Nguyen, MD, FACS; Linda P. Zhang, MD; Edward H. Chin, MD, FACS; *New York, NY*

Laparoscopic Repair of Ventriculoperitoneal Shunt Transection
James A. Saltsman, MD; Alexander J. Greenstein, MD, FACS; *Brooklyn, NY*

Obtaining Enteral Feeding Access Through Esophagocutaenous Fistulae
Joshua S. Winder, MD; Eric M. Pauli, MD; *Hershey, PA*

Laparoscopic Repair of Recurrent Paraesophageal Hernia with Collis Gastroplasty
Chaya Shwaartz, MD; Jingjing L. Sherman, MD; Celia M. Divino, MD, FACS; Edward H. Chin, MD, FACS; Linda P. Zhang, MD; Scott Q. Nguyen, MD, FACS; *New York, NY*

Mismanagement/Misdiagnosis of a Paraesophageal Hernia
Raquel Gonzalez-Heredia, MD, PhD; Samarth S. Durgam, MB, BS; Pablo Quadri, MD; Despoina Daskalaki, MD; Luis Gonzalez-Cicarelli, MD; Francesco M. Bianco, MD; Pier C. Giulianotti, MD, FACS; *Chicago, IL*

VE24 | 9:45-11:15 am
Urological Surgery

LOCATION: Walter E. Washington Convention Center, 143 A

TRACK: URO

COORDINATOR AND PRESIDING OFFICER:
Stephen Y. Nakada, MD, FACS; *Madison, WI*

PANELISTS:
Tracy M. Downs, MD, FACS; *Madison, WI*

Expanding Endourologic Urolithiasis Techniques to Biliary Stones: Percutaneous Transhepatic Lithotripsy
Brett Johnson, MD; John R. Bell, MD; John McDermott, MD; Prasad Dalvie, MD; Stephen Y. Nakada, MD, FACS; *Madison, WI*

Rare Etiology of a Bladder Mass
Vidhush K. Yarlagadda, MD; Daniel G. Benson; Soroush Rais-Bahrami; *Birmingham, AL*

Repair of Buried Penis with Escutcheonectomy
Thomas W. Fuller, MD; Paul Rusilko, DO; Katherine Theisen, MD; Richard Slater, DO; *Pittsburgh, PA*

Robotic-Assisted Laparoscopic Buccal Ureteroplasty for Proximal Ureteral Stricture
Mary K. McHugh, DO; Ching Tong, DO; Michael Metro, MD; Francis Schanne, MD; *Philadelphia, PA*

Robotic-Assisted Laparoscopic Appendiceal Ureteral Interposition for Ureteral Stricture Disease
Vidhush K. Yarlagadda, MD; G. Benson, MD; Jeffrey W. Nix, MD; P. Selph, MD; *Birmingham, AL*

Exclusion Technique While Performing Robotic Partial Cystectomy for Urothelium Carcinoma in Bladder Diverticulum
Naveen Pokala, MD; Andrew Franklin, MD; Patrick Probst; *Columbia, MO*

Intraperitoneal Onlay Mesh Repair of Clinical Inguinal Hernias during Robotic-Assisted Laparoscopic Radical Prostatectomy
Pedro R. Guiraldes, MD; Prachee Pathak, PA; Vincent P. Laudone, MD; *New York, NY*

VE25 | 9:45-11:15 am
Vascular Surgery

LOCATION: Walter E. Washington Convention Center, 206

TRACK: VAS

COORDINATOR AND PRESIDING OFFICER:
Samuel R. Money, MD, FACS; *Phoenix, AZ*

PANELISTS:
Mark A. Adelman, MD, FACS; *New York, NY*
Thomas Naslund, MD, FACS; *Nashville, TN*
William J. Quinones-Baldrich, MD, FACS; *Los Angeles, CA*

Transradial Embolization of the Internal Iliac Artery: Review of Transradial Access Technique
Sean P. Wengerter, MD; James Cornwall, MD; Nora Tabori, MD; William Beckerman, MD; Ageliki G. Vouyouka, MD, FACS; Peter L. Faries, MD, FACS; Michael L. Marin, MD, FACS; Rahul S. Patel, MD; Robert A. Lookstein, MD; Aaron Fischman, MD; *New York, NY*

Left Renal Vein Transposition for Nutcracker Syndrome
Natalia O. Glebova, MD; John C. Eun, MD; *Aurora, CO*

Robotic Surgery for the Primary Leiomyosarcoma of the Right Renal Vein
Emilio Vicente, MD, PhD, FACS; Yolanda Quijano, MD; Benedetto Ielpo, MD; Riccardo Caruso, MD; Hipolito Duran, MD; Eduardo Diaz, MD; Isabel Fabra, MD; Luis Malave, MD; Valentina Ferri, MD; Carlos Plaza, MD; *Madrid, Spain*

Robotic Caval Thrombectomy During Radical Nephrectomy
Sean P. Wengerter, MD; William Beckerman, MD; Eric Moskowitz, MD; Michael L. Marin, MD, FACS; Peter L. Faries, MD, FACS; John Sfakianos, MD; Ketan Badani, MD; Rami O. Tadros, MD; *New York, NY*

Antegrade Aorto-Celiac and Superior Mesenteric Bypass
William J. Quinones-Baldrich, MD, FACS; *Los Angeles, CA*

Skull-Based Resection to Expose the Petrous Carotid
Thomas Naslund, MD, FACS; Shethel Bearelly, MD; James L. Netterville, MD; *Nashville, TN*

Fenestrated-Branched Endovascular Thoracoabdominal Aortic Aneurysm Repair for Chronic Dissections
Aaron C. Baker, MD; *San Francisco, CA*

VE26 | 11:30 am-12:30 pm
Icons in Surgery II

LOCATION: Walter E. Washington Convention Center, 206

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
William O. Richards, MD, FACS; *Mobile, AL*, Steven D. Schwaitzberg, MD, FACS; *Buffalo, NY*, Pascal Fuchshuber, MD, FACS, *Walnut Creek, CA*, and William B. Inabnet III, MD, FACS; *New York, NY*

Kathryn D. Anderson, MD, FACS
DISCUSSANT: Philip C. Guzzetta, MD, FACS; *Washington, DC*

W. Hardy Hendren III, MD, FACS
DISCUSSANT: Don K. Nakayama, MD, FACS; *Macon, GA*

VE27 | 12:45-2:15 pm
Subject-Oriented Symposium IV: Atlas Showcase: Colon and Rectal Surgery Volume

LOCATION: Walter E. Washington Convention Center, 143A

TRACK: CRS

COORDINATOR AND PRESIDING OFFICERS:
Tonia M. Young-Fadok, MD, MS, FACS; *Phoenix, AZ* and Horacio J. Asbun, MD, FACS; *Jacksonville, FL*

Laparoscopic Right Colectomy
Jeanie H. Ashburn, MD, FACS; *Cleveland, OH*

Total Mesenteric Colectomy
Hermann P. Kessler, MD, PhD, FACS; *Cleveland, OH*

Original Sigmoid Lateral-to-Medial Approach
W. Conan Mustain, MD; *Little Rock, AR*

Medial vs. Later Approach
Conor P. Delaney, MCh, PhD, FACS, FASCRS; *Cleveland, OH*

Intracorporeal Anastomoses

Limitations and Lack of Added Benefit
Anthony J. Senagore, MD, FACS; *Galveston, TX*

Hand-Assisted Total Colectomy and Ileorectal Anastomosis
Walter R. Peters, MD, FACS; *Dallas, TX*

Early Adoption of Skills and Advancement of Skills Beyond Hand Assist
James W. Fleshman, MD, FACS; *Dallas, TX*

Laparoscopic Proctocolectomy and Ileal Pouch-Anal Anastomosis (IPAA)
Tonia M. Young-Fadok, MD, FACS, FASCRS; *Phoenix, AZ*

Single Incision and Advanced Recovery
Jamie Murphy, MD; *London, UK*

VE28 | 12:45-4:00 pm
General Surgery III—Hernia

LOCATION: Walter E. Washington Convention Center, 207A

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
Archana Ramaswamy, MD, FACS; *Minneapolis, MN* and Eren Berber, MD, FACS; *Cleveland, OH*

Endoscopic Transversus Abdominis Release (ETEP) Approach
Igor Belyansky, MD, FACS; Hamid R. Zahiri, DO; Adrian E. Park, MD, FACS; *Annapolis, MD*

Balloon and Tackless Totally Extraperitoneal (TEP) Facilitates Bloodless and Cost-Effective Laparoscopic Inguinal Hernia Repair
Hiroki Toma, MD; *Fukuoka, Japan*

Phrenoesophageal Ligament-based Hiatal Dissection for Type III Hiatal Hernia
Anusak Yiengpruksawan, MD, FACS; *Paramus, NJ*

Laparoscopic Repair Lumbar Hernias
Benjamin R. Biteman, MD; Robert A. Grossman, MD; Fred Brody, MD, FACS; *Youngstown, OH*

Combined Laparoscopic and Thoracoscopic Mesh Repair Offoramen of Morgagni Hernia Presenting in An Adult
Benjamin D. Ferguson, MD; John A. Howington, MD; Ki Wan Kim, MD; Stephen P. Haggerty, MD, FACS; *Chicago, IL*

Giant Bilateral Subcostal Incisional Hernia Solved by Retromuscular Repair and Transversus Abdominis Release
Miguel A. Garcia-Urena, MD, PhD; Javier Lopez-Monclus, PhD; Luis Alberto Blazquez; Daniel Melero, MD; Alvaro Robin; Arturo Cruz, MD; Asuncion Aguilera, MD; Natividad Palencia; Carmen Jimenez; Rosa Becerra, MD; *Madrid, Spain*

Technique for Primary Closure of Ventral Incisional Herniorrhaphy with Mesh
Tyler Hall, MD; Craig Brown; Stephen P. Haggerty, MD, FACS; John G. Linn, MD; Ervin W. Denham, MD; Michael Ujiki, MD, FACS; Raymond J. Joehl, MD, FACS; *Evanston, IL*

Is Current Classification of Inguinal Hernia Anatomically Correct?
Dermot J. Hehir, MB, BCh, FACS; Aoife Hehir, MD; *Tullamore, Ireland*

Transversus Abdominis Muscle Costal Release with Overextended Preperitoneal Mesh for the Treatment of Subcostal incisional Hernias
Javier Lopez-Monclus, PhD; Miguel A. Garcia Urena, MD, PhD; Jose L. Lucena-de la Poza; Alberto Pueyo Rabanal; Maria D. Chaparro Cabezas; Luis A. Blazquez Hernando; Natalia Gonzalez Alcolea; Manuel C. Jimenez Garrido, PhD; Felix Martinez Arrieta, PhD; Victor Sanchez Turrion, PhD; *Majadahonda, Spain*

Transabdominal Preperitoneal (TAPP) Repair Richter's Hernia
Rana C. Pullatt, MD, FACS; Ashley Hink, MD; Shelby Allen; Doris Kim, MD; *Charleston, SC*

Laparoscopic Repair of an Incarcerated Diaphragmatic Hernia
Rana C. Pullatt, MD, FACS; Ashley Hink, MD, MPH; Benjamin White, MD; Rohan Kambeyenada, MD; Adam Franklin, MD; *Charleston, SC*

Hiatal Hernia Repair and Magnetic Sphincter Augmentation for GERD
Daniel Freno, MD; William O. Richards, MD, FACS; *Mobile, AL*

VE29 | 12:45-4:00 pm
Surgical Cases in Trauma (T)

LOCATION: Walter E. Washington Convention Center, 207B

TRACK: TRA

COORDINATOR AND PRESIDING OFFICER:
Christopher J. Dente, MD, FACS; *Atlanta, GA*

PANELISTS:
Alexander L. Eastman, MD, MPH, FACS; *Dallas, TX*
Paula Ferrada, MD, FACS; *Richmond, VA*
Selwyn O. Rogers, MD, FACS; *Galveston, TX*
Ronald J. Simon, MD, FACS; *New York, NY*

Precordial Thoracoabdominal Penetrating Wound: Thoracotomy, Laparotomy, or Laparoscopy?
Francisco D. S. Collet E Silva, MD, FACS; Carlos Augusto M. Menegozzo, MD; Sergio Damous, MD; Jocielle S. Miranda, MD; Celso O. Bernini, MD; Edivaldo M. Utyama, MD, FACS; *Sao Paulo, Brazil*

Video-Assisted Thoracoscopy a Useful Procedure in Trauma
Francisco D. S. Collet E Silva, MD, FACS; Sergio Damous, MD; Adriano M. Pflug, MD; Celso O. Bernini, MD; Edivaldo M. Utyama, MD, FACS; *Sao Paulo, Brazil*

The Case of Nonoperative Management for Complex Injury of Airway, Digestive, and Vascular by Gunshot Projectile
Nao Hiroe, MD; Carlos Ordez, MD; Orlando Bejarano, MD; Cecibel Cevallos, MD; *Cali, Colombia*

Laparoscopic Hartmann's Procedure for Traumatic Sigmoid Colon Perforation
Jovan Markovic, MD; Nova L. Szoka, MD; Dana D. Portenier, MD, FACS; *Durham, NC*

Free Fluid in the Abdomen after Blunt Abdominal Trauma without Parenchymal Injury: Diagnostic and Therapeutic Value of Laparoscopy
Alice Piccinini, MD; Gregorio G. Tugnoli, MD; Luca Di Donato, MD; Arianna Birindelli, MD; Andrea Biscardi, MD; Matteo Mandrioli, MD; Antonio Tarasconi, MD; Silvia Villani, MD; Francesca Nigro, MD; Salomone Di Saverio, MD, FACS; *Bologna, Italy*

Laparoscopic Repair of a Traumatic Diaphragmatic Hernia: Four Different Suturing Techniques
Nova L. Szoka, MD; Dana D. Portenier, MD, FACS; *Albuquerque, NM*

Heart Wound: Must all be Stitched?
Jenny M. Vidal Carpio, MD; Jose J. Serna, MD; *Cali, Colombia*

VE30 | 2:30-5:45 pm
Pediatric Surgery

LOCATION: Walter E. Washington Convention Center, 206

TRACK: PED

COORDINATOR AND PRESIDING OFFICERS:
Barbara A. Gaines, MD, FACS; *Pittsburgh, PA* and Shawn D. St. Peter, MD, FACS; *Kansas City, MO*

Combined Laparoscopic-Endoscopic Technique for Gastric Diverticulectomy: Resection of a Rare Pathology in an Adolescent
Alessandra Landmann, MD; Juan Calisto, MD; Marcus Malek, MD; *Pittsburgh, PA*

Laparoscopic Repair of a Pediatric Recurrent Inguinal Hernia
Katharine Bittner, MD; Kaitlyn Wong, MD; Maria C. Mora, MD; Erica D. Kane, MD; Kevin P. Moriarty, MD, FACS; Michael Tirabassi, MD, FACS; *Chicopee, MA*

Ultrasound-Guided Gastrostomy Placement
Joseph T. Church, MD; Marcus D. Jarboe, MD; *Ann Arbor, MI*

Thoracoscopic Resection of a Pediatric Thymic Cyst
Caitlin A. Fitzgerald, MD; Matthew Santore, MD; Sarah Hill, MD; *Atlanta, GA*

Video-Assisted Thoracoscopic Thymectomy Langerhans Cell Histiocytosis
Joseph C. Fusco, MD; Gary Nace, MD; Juan Calisto, MD; Marcus Malek, MD; *Pittsburgh, PA*

Laparoscopic Peritoneal Dialysis Catheter Insertion in Pediatric Patients
Richard J. Hendrickson, MD, FACS; Erol M. Knott, DO; Walter S. Andrews, MD, FACS; *Kansas City, MO*

Laparoscopic-Assisted, Ultrasound-Guided Abscess Drainage
Kevin N. Johnson, MD; Samir Gadepalli, MD; Marcus D. Jarboe, MD, FACS; *Ann Arbor, MI*

Video-Assisted Thoracoscopic Resection of a Calcifying Fibrous Pseudotumor
Erica D. Kane, MD; Katharine R. Bittner, MD; John Hunt, MD; Michael V. Tirabassi, MD, FACS; Kevin P. Moriarty, MD, FACS; *Holyoke, MA*

Reduced Port Distal Pancreatectomy for Giant Pancreatic Neoplasm
Samir R. Pandya, MD; Allison S. Alberton, MD; Oliver Muensterer, MD; *Atlanta, GA*

Thoracoscopic Repair of a Rare Esophageal Atresia and Tracheoesophageal Atresia Variant (Kluth Subtype V5) in a Low Birth Weight Infant
Samir R. Pandya, MD; Shirley Hu, MD; Whitney J. McBride, MD; *Atlanta, GA*

Repair of a Double Duodenal Atresia
Clayton C. Petro, MD; Cory Criss, MD; Michael W. Dingeldein, MD; Anne C. Kim, MD; Edward M. Barksdale, Jr., MD, FACS; *Cleveland, OH*

Video-Assisted Thoracoscopic Surgical Resection of an Intradiaphragmatic Extralobar Pulmonary Sequestration
Zachary A. Taylor, DO; Steve Min; Duke S. Duane; Howard I. Pryor II; *North Bethesda, MD*

Thursday, October 20

VE31 | 8:00-9:30 am
Hepatobiliary Surgery II

LOCATION: Walter E. Washington Convention Center, 206

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
Sharona B. Ross, MD, FACS; *Tampa, FL* and Ziad T. Awad, MB,ChB, FACS; *Jacksonville, FL*

Robotic Type I Choledochal Cyst Excision with Hepaticojejunostomy
Andrew W. McGregor, MD; Daniel Kleiner, MD; *Danbury, CT*

Laparoscopic Liver Resection of Segments 4b, 5, and 6 for Huge Hepatocellular Carcinoma
Simone Nicosia, MD; Salomone Di Saverio, MD, FACS; Elio Jovine, MD; Michele Masetti, MD; Matteo Zanello, MD; Raffaele Lombardi, MD; Mario Chisari, MD; Giacomo Stacchini, MD; Benini Claudia, MD; Alice Piccinini, MD; *Bologna, Italy*

Completely Robotic Left Hepatectomy
Nisar Zaidi, MD; Zanati M. Ahmed, MD; Federico Aucejo, MD; John Fung, MD; Eren Berber, MD, FACS; *Beachwood, OH*

Robot-Assisted Retrograde Distal Pancreatectomy with Splenectomy
Federico Tozzi, MD; Michael A. White, MD; Yanghee Woo, MD; Byrne Lee, MD, FACS; Gagandeep Singh, MD; *Dayton, OH*

Technical Aspects of Robotic-Assisted Pancreaticoduodenectomy
Yolanda Quijano, MD; Emilio Vicente, MD, FACS; Benedetto Ielpo, MD; Hipolito Duran, MD; Isabel Fabra, MD; Eduardo Diaz, MD; Riccardo Caruso, MD; Luis Malave, MD; Valentina Ferri, MD; Carlos Plaza, MD; *Madrid, Spain*

Technical Aspects of Robotic-Assisted Pancreaticoduodenectomy
Yolanda Quijano, MD; *Madrid, Spain*

Total Laparoscopic Pancreas-Sparing Duodenectomy for GIST of the Second Part of Duodenum
Yiping Mou, MD, FACS; Chaojie Huang; Renchao Zhang, MD; *Hangzhou, China*

Total Pancreatoduodenectomy En-Bloc with Superior Mesenteric Artery and Vein Resection
Emilio Vicente, MD, FACS; Yolanda Quijano, MD; Benedetto Ielpo, MD; Hipolito Duran, MD; Eduardo Diaz, MD; Isabel Fabra, MD; Riccardo Caruso, MD; Carlos Plaza, MD; Valentina Ferri, MD; Antonio Cubillo, MD; *Madrid, Spain*

VE32 | 8:00-11:15 am
Bariatric Surgery

LOCATION: Walter E. Washington Convention Center, 207B

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:
Garth R. Jacobsen, MD, FACS; *San Diego, CA* and Kevin M. Reavis, MD, FACS; *Portland, OR*

Bariatric Complication: Intussusception with Small Bowel Resection
Adel A. Saleh, MB, BCh, MRCS; Amir H. Aryaie, MD; Jamie Hoppe; Tomas Rugula, MD; *Cleveland, OH*

Laparoscopic Enteroenterostomy for Malnutrition (Common Channel Elongation)
Jessica A. Gatas, MD; Christopher Daigle, MD; Philip R. Schauer, MD, FACS; *Cleveland, OH*

Robotic Strictureplasty: A Viable Alternative to Gastric Bypass for Strictures after Sleeve Gastrectomy
Collin E. M. Brathwaite, MD, FACS; Alexander Knijnikov, DO; Keneth Hall, MD; Patricia Cherasard, PA-C; Alexander Barkan, MD, FACS; Stavros N. Stavropoulos, MD; Rani J. Modayil, MD; Bhawna Halwan, MD; *Mineola, NY*

Repair of Chyle Leak after Sleeve Gastrectomy
Paul D. Colavita, MD; Ahmed M. Sharata, MD; Valerie J. Halpin, MD; *Charlotte, NC*

Minimally Invasive Management of Anastomotic Bleed Following Roux-en-Y Gastric Bypass
Jeremy M. Linson, MD; Abubaker Ali, MD; Michael Latzko, MD; Ziad T. Awad, MB, CHB, FACS; Bestoun Ahmed, MD; *Jacksonville, FL*

Laparoscopic Conversion of Gastric Bypass to Single Anastomosis Duodenal Switch
Muhammad A. Jawad, MD, FACS; Rena C. Moon, MD; Danielle Henry, MD; Andre F. Teixeira, MD; *Orlando, FL*

Laparoscopic Gastric Bypass Reversal with Gastrogastrostomy and Resection of Gastrojejunal Ulcer for Non-Healing Marginal Ulcer
Muhammad A. Jawad, MD, FACS; Rena C. Moon, MD; Michael C. Goldbach, MD; Andre F. Teixeira, MD; *Orlando, FL*

Emergency Splenectomy During a Sleeve Gastrectomy
Pablo Quadri, MD; Lisa Sanchez-Johnsen, PhD; Mario A. Masrur, MD; Enrique F. Elli, MD, FACS; *Chicago, IL*

Laparoscopic Revision of Nissen Fundoplication to Roux-en-Y Gastric Bypass in a Morbidly Obese Patient
Mihir M. Shah, MD; Benjamin M. Martin, MD; Jamil L. Stetler, MD; Ankit Patel, MD; Jahnavi K. Srinivasan, MD, FACS; Edward Lin, DO, FACS; S. Scott Davis, MD, FACS; *Atlanta, GA*

Bariatric Surgery and Situs Inversus Totalis: Case Report and Literature Review
Fernando L. Pereira, MD; Juliana Seribelli; Gabriel Aleixo; Karina P. Sanches; Alexandre Campos; Moabe Lima; *Presidente Prudente, Brazil*

Surgical Treatment of Intra-Gastric Mesh Erosion after Vertical Banding Gastroplasty
Alexander Ramirez, MD; Wade G. Douglas, MD, FACS; *Tallahassee, FL*

Laparoscopic Management of Postoperative Intrathoracic Gastric Sleeve Herniation
Mohammed Alkuwari, MD; Moataz Basha, MD; Ahemad Al Najjar, MD; Mohsen Karam, MD; Davit Sargsyan; Nasreen Mahmoud; Saeed Shoar; Alan A. Saber, MD, FACS; *Doha, Qatar*

Laparoscopic Approach to Chronic Leak after Sleeve Gastrectomy
Jessica A. Gatas, MD; Gautam Sharma, MD; John H. Rodriguez, MD; Matthew D. Kroh, MD, FACS; *Cleveland, OH*

Laparoscopic Subtotal Gastrectomy and Roux-en-Y Reconstruction for Gastric Outlet Obstruction after VBG
Abhiman B. Cheeyandira MB, BS; Lisandro M. Montorfano, MD; Federico P. Quirante, MD; Nisha Dhanabalsamy, MB, BS; Rajmohan Rammohan, MB, BS; Emanuele Lo Menzo, MD; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; *Tamarac, FL*

Robot-Assisted Single Anastomosis Duodenal Switch in a Morbidly Obese Patient
Rena C. Moon, MD; Lars S. Nelson, MD; Andre F. Teixeira, MD; Muhammad A. Jawad, MD, FACS; *Orlando, FL*

OWEN H. WANGENSTEEN SCIENTIFIC FORUM POSTER PRESENTATIONS (PP)

The Scientific Forum Poster Presentations are listed alphabetically by category. Each poster will be on display only on the date noted on this page. Refer to the page number that follows each category to find information regarding each group of posters, including booth location. Poster will be on display on the Exhibition Floor at the Walter E. Washington Convention Center.

Entrance to the poster presentations is allowed only with an official badge. Spouses, guests, and young adults 16 years of age or older may visit the poster presentations, provided they are registered. Posters will be on display Monday, October 17, through Wednesday, October 19, 9:00 am-4:30 pm. Attendees are especially encouraged to visit the posters during the 11:00 am-2:30 pm lunch period when authors will be at their booths to discuss their work and answer questions.

In an effort to promote and acknowledge the work of the authors, attendees also are cordially invited to attend a lunchtime tour of the Posters of Exceptional Merit which will be facilitated by the Scientific Forum Committee Chair, Mary T. Hawn, MD, MPH, FACS. This presentation will take place Tuesday, October 18, in the Scientific Forum Poster Exhibit area Hall B, at the convention center, 11:30 am–12:30 pm.

This year's Posters of Exceptional Merit judges are Dr. Hawn; Dennis P. Orgill, MD, FACS; Ali Tavakkoli, MD, FACS; and Paula Termuhlen, MD, FACS.

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Posters of Exceptional Merit 163

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General Surgery 169
Pediatric Surgery 177
Quality, Safety, and Outcomes 179
Surgical Education 180
Surgical Oncology 181

Tuesday, October 18 (T)
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Global Surgery/Humanitarian Outreach 172
Hepatobiliary and Pancreas 174
Obstetrics/Gynecology 176
Orthopaedic Surgery 177
Otolaryngology 177
Plastic/Maxillofacial Surgery 179

Wednesday, October 19 (W)
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Transplantation and Tissue Engineering 182
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Posters of Exceptional Merit

Breast

Tipping the Epigenetic Balance: Drug-Induced Histone Modification Affects Breast Cancer Cell Migration **PP115–M,T,W**
Lindsay Hessler, MD; Stuart Martin, PhD. University of Maryland School of Medicine, Baltimore, MD

Colon and Rectal Surgery

Emergency Surgery for Inflammatory Bowel Disease in the 21st Century Remains Life-Threatening: A Continual Failure of Decision Making? **PP116–M,T,W**
Christopher T. Aquina, MD; Christian P. Probst, MD; Adan Z. Becerra; James C. Iannuzzi, MD, MPH; Bradley J. Hensley, MD, MBA; Zhaomin Xu, MD; Katia Noyes, PhD, MPH; John R. Monson, MD, MB, BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester Medical Center, NY

Metformin Decreases the Risk of Recurrence After Surgery for Colorectal Cancer **PP117–M,T,W**
Tina Fransgaard, MD; Lau C. Thygesen; Ismail Gogenur, MD. Zealand University Hospital, Koege, University of Southern Denmark, Copenhagen

Global Surgery

Outcomes of Posterior Sagittal Anorectoplasty in Haiti **PP112–M,T,W**
Jamie Golden, MD; Melissa R. Elizee, MD; Jerry Bitar, MD; Marlon Bitar, MD; Henri R. Ford, MD, FACS. Children's Hospital, Los Angeles, CA, Hopital Bernard Mevs, Port-au-Prince, Haiti

Hepatobiliary and Pancreas

Outcomes of Adjuvant Radiotherapy and Lymph Node Harvest in Elderly Patients with Pancreatic Cancer **PP113–M,T,W**
Jessica M. Frakes, MD; Ravi Shridhar, MD; Eric Mellon, MD; Sarah E. Hoffe, MD; Khaldoun Almhanna, MD, MPH; Mokenge P. Malafa, MD, FACS; Gregory Springett, MD; Kenneth L. Meredith, MD, FACS. Florida State University, Sarasota, Moffitt Cancer Center, Tampa, FL, University of Central Florida, Orlando

Use of Cholecystostomy Tube for Acute Cholecystitis: What Is Common Practice? PP114–M,T,W
Mary Nally, MD; Daniel J. Deziel, MD, FACS; Benjamin R. Veenstra, MD; Samir K. Gupta, MD, FACS. Rush University Medical Center, Chicago, IL

Pediatric Surgery

Predicting Non-Mortality Outcomes after Pediatric Trauma: Leveraging Existing Data Systems PP119–M,T,W
Katherine T. Flynn-O'Brien, MD, MPH; Mary E. Fallat, MD, FACS; Tom B. Rice, MD; Christine M. Gall, DrPh; Frederick P. Rivara, MD, MPH. University of Washington, Seattle

Surgical Management of Benign Ovarian Neoplasms in Pediatric and Adolescent Females PP110–M,T,W
Dani O. Gonzalez, MD; Jennifer N. Cooper, PhD; Jennifer H. Aldrink, MD, FACS; Geri D. Hewitt, MD; Peter C. Minneci, MD, FACS; Katherine J. Deans, MD, FACS. Nationwide Children's Hospital, Columbus, OH; Icahn School of Medicine at Mount Sinai, New York, NY

Surgical Education

Maternal and Fetal Delivery Outcomes in Pregnancies Following Bariatric Surgery: A Meta-Analysis of the Literature PP111–M,T,W
Brittanie Young; Samantha Drew; Aliu Sunni; Christopher Ibikunle, MD, FACS. Georgia SurgiCare, Loganville

Trauma

Sarcopenia Is Predictive of Functional Outcomes in Elderly Trauma Patients PP118–M,T,W
Christopher M. McGreevy, MD; Sri Ram Pentakota, MD, MPH, PhD; Joo H. Park; Davis Verde; Ana Berlin, MD, MPH; David H. Livingston, MD, FACS; Anne C. Mosenthal, MD, FACS. Rutgers New Jersey Medical School, Newark

Bariatric/Foregut

Adolescent Minorities Lose Less Weight and Have Decreased Resolution of Preoperative Comorbidities Following Bariatric Surgery: A National Perspective PP23–T
Omar Nunez Lopez, MD; Daniel C. Jupiter, PhD; Fredrick J. Bohanon, MD; Ravi S. Radhakrishnan, MD, MBA, FACS, FAAP; Kanika A. Bowen-Jallow, MD. University of Texas Medical Branch, Galveston

Analysis of Insulin Resistance in Obese Non-Diabetic Candidates for Bariatric Surgery: Adjustment for Body Composition-Cohort Study PP16–T
Luis A. Ley Marcial, MD; Adriana Espinosa Jaramillo, MD; Gilberto B. Cornejo Lopez, MD. Hospital Angeles Pedregal Ciudad de Mexico, Mexico

Clinicopathologic Characteristics of Gastrointestinal Stromal Tumors Involving the Small Intestine PP7–T
Raul J. Rosenthal, MD, FACS; Nisha Dhanabalsamy, MB, BS; Kotaro KW Wakamatsu, MD, PhD; Rama Ganga; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; Sricharan Chalikonda, MD, MHA, FACS. Cleveland Clinic Florida, Weston

Comparative Weight Loss After Bariatric Surgery Among Pre- and Postmenopausal Women PP10–T
Escar Kusema; Ian C. Bostock; Sarah E. Billmeier, MD, MPH; Maureen V. Hill, MD; Maureen Quigley; Gina L. Adrales, MD, MPH, FACS. Dartmouth-Hitchcock Medical Center, Lebanon, NH

Development of Early and Late Postoperative Ulcers Following Bariatric Surgery: Does the Type of Surgery Matter? PP12–T
Hatim A. Alsulaim, MD, MPH; Aslam Ejaz, MD, MPH; Joseph K. Canner, MHS; Robin D. Megill; Leigh A. Peterson, PhD; Tammam Obeid, MD; Michael A. Schweitzer, MD, FACS; Thomas Magnuson, MD; Kimberley E. Steele, MD, FACS. Johns Hopkins School of Medicine, Baltimore, MD

Early Small Bowel Obstruction After Laparoscopic Gastric Bypass: A Surgical Emergency PP24–T
Paul Del Prado, MD; Amar S. Shah, MD, MBA; Luke Wolfe; James G. Bittner, MD, FACS; Gretchen Aquilina; Guilherme M. Campos, MD, FACS. Virginia Commonwealth University, Richmond

Gallstones and Bariatric Surgery: To Treat or Not to Treat? PP17–T
Marina Morais, MD; Gil Faria; Diana Goncalves, MD; Jose Barbosa; John Preto, MD; Paulo J. Costa-Maia, MD, FACS. Sao Joao Medical Center, University of Porto Medical School, Portugal

Laparoscopic Revision of Failed Bariatric Procedures: A Series of 271 Cases PP2–T
Constantine T. Frantzides, MD, PhD, FACS; Georgios Ayiomamitis, MD, PhD; Alexander T. Frantzides; Algis Marcinkevicius, MD; Tomas Manelis, MD. Chicago Institute of Minimally Invasive Surgery, Skokie, IL

Laparoscopic Revisional Surgery after Myotomy for Treatment of Achalasia: Single Institution Experience PP4–T
Raul J. Rosenthal, MD, FACS; Kotaro K.W. Wakamatsu, MD, PhD; Rajmohan Rammohan, MB, BS; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS. Cleveland Clinic Florida, Weston

Laparoscopic vs. Open Resection of Gastrointestinal Stromal Tumors of the Stomach: A Comparative Study PP15–T
Raul J. Rosenthal, MD, FACS; Kotaro K.W. Wakamatsu, MD, PhD; Nisha Dhanabalsamy, MB, BS; Rama Ganga; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; Sricharan Chalikonda, MD, MHA, FACS. Cleveland Clinic Florida, Weston

Patients After Esophagectomy for Malignant Disease Report Better Quality of Life Than Those Who Undergo the Procedure for Benign Indication **PP120–T**
Rose Park; Wendy J. Svetanoff, MD; Carrie Bertellotti; Sumeet K. Mittal, MD, FACS. Creighton University School of Medicine, Omaha, NE

Peptic Ulcer Perforation: The Experience of a Surgical Department **PP6–T**
Diana Goncalves, MD; Marina Morais, MD; Henrique Mora; Antonio Gouveia; Jose Barbosa; Paulo J. Costa-Maia, MD, FACS. Sao Joao Medical Center, University of Porto Medical School, Portugal

Peroral Endoscopic Myotomy Decreases Heartburn and Dysphagia Symptoms in Achalasia Patients **PP13–T**
Heidi J. Miller, MD, MPH; Mojtaba Fayezizadeh, MD; Jeffrey L. Ponsky, MD; Jeffrey M. Marks, MD, FACS. University Hospitals Case Medical Center, Cleveland, OH

Placement of Routine Abdominal Drains for the Detection of Postoperative Leaks and Complications Following Laparoscopic Bariatric Surgery **PP4–T**
Andrew Dicks; Angel Farinas; Christian X. Cruz Pico, MD; Angelina Postoev, MD, FACS; Christopher Ibikunle; Aliu Sanni, MD. Augusta University/University of Georgia Medical Partnership, Athens, Georgia Surgicare, Loganville

Quality of Life After Esophageal Resection for Cancer **PP121–T**
Rose Park; Wendy J. Svetanoff, MD; Carrie Bertellotti; Sumeet K. Mittal, MD, FACS. Creighton University School of Medicine, Omaha, NE

Reoperative Antireflux Surgery: Single-Center Experience **PP122–T**
Saurabh Singhal, MB, BS; Shunsuke Akimoto, MD; Sumeet K. Mittal, MD, FACS. Creighton University Medical Center, Omaha, NE

Re-Sleeve Gastrectomy vs. Roux-en-Y Gastric Bypass in Failed Primary Sleeve Gastrectomies: A Prospective Study **PP125–T**
Sulaiman Almazeedi, MB, BCh; Mohannad Alhaddad, MD, MRCS. Amiri Hospital, Kuwait City, Kuwait

Roux-en-Y Gastric Bypass Reduces or Eliminates Pharmacologic Dependence in Individuals Living with Obesity and Type 2 Diabetes Mellitus **PP22–T**
Michael J. Mullan, MD; Ashley S. Vergis, MD, FACS, FRCSC; Krista M. Hardy, MD, FACS, FRCSC. University of Manitoba, Winnipeg, MB

Roux-en-Y Gastric Bypass and Fundoplication Take Down After Failed Fundoplications for Gastroesophageal Reflux Disease: An Update **PP124–T**
Steven Groene, MD; Vedra A. Augenstein, MD, FACS; Chuma N. Eruchalu; Tanushree Prasad; Amy E. Lincourt, PhD; Mimi Kim, MD; Dimitrios Stefanidis, MD, PhD; B. Todd Heniford, MD, FACS. Carolinas Medical Center, Charlotte, NC

Social Media and Resources for Bariatric Surgery in Rural Populations **PP5–T**
Deepa Shah, MD; Carl E. Haisch, MD, FACS; Daniel J. Torrent, MD; John R. Pender, IV, MD, FACS; Konstantinos Spaniolas, MD. East Carolina University Brody School of Medicine, Greenville, NC

Survival Following Minimally Invasive Esophagectomy for Esophageal Cancer Improves with the Surgeon's Experience **PP1–T**
Aparna Kailasam; Saurabh Singhal, MB, BS; Shusuke Akimoto, MD; Sumeet K. Mittal, MD, FACS. Creighton University Medical Center, Omaha, NE

Technical Aspects and Short- and Long-Term Outcomes of Totally Laparoscopic Total Gastrectomy for Advanced Gastric Cancer: A Single-Institution Retrospective Study **PP21–T**
Masaya Nakauchi, MD; Koichi Suda, MD, PhD, FACS; Yoshinori Ishida, MD; Kazuki Inaba; Ichiro Uyama, PhD. Fujita Health University, Toyoake, Japan

The Differences of Sex in Weight Loss After Bariatric Surgery **PP8–T**
Raul J. Rosenthal, MD, FACS; David Gutierrez Blanco, MD; Lisandro M. Montorfano, MD; Federico Perez Quirante, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS. Cleveland Clinic Florida, Weston, FL

The Effects of Malignancy on Hernia Recurrence and Perioperative Outcomes of Laparoscopic Ventral Hernia Repair **PP123–T**
Raul J. Rosenthal, MD, FACS; Sherif Y. Shalaby, MD; David Gutierrez Blanco, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS. Cleveland Clinic Florida, Weston, FL

The Effects of Presurgical Factors in Long-Term Weight Loss After Laparoscopic Sleeve Gastrectomy: An Adjusted Analysis of a Single Institution 10-Year Experience **PP9–T**
Raul J. Rosenthal, MD, FACS; Federico Perez Quirante, MD; Lisandro M. Montorfano, MD; David Gutierrez Blanco, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS. Cleveland Clinic Florida, Weston

The Impact of Patient and Operative Factors on the Development of Gastroesophageal Reflux Disease Following Bariatric Surgery **PP11–T**
Hatim A. Alsulaim, MD, MPH; Robin D. Megill; Joseph K. Canner, MHS; Aslam Ejaz, MD, MPH; Leigh A. Peterson, PhD; Tammam Obeid, MD; Michael A. Schweitzer, MD, FACS; Thomas Magnuson, MD; Kimberley E. Steele, MD, FACS. Johns Hopkins School of Medicine, Baltimore, MD

Timing of Esophagectomy Following Neoadjuvant Chemoradiation Therapy (nCRT) for Esophageal Cancer (EC) Is Associated With Worse Outcomes, Without Improvement of Complete Pathologic Response (pCR) **PP3–T**
Danica N. Giugliano, MD; Adam C. Berger, MD, FACS; Scott W. Keith, PhD; Michael J. Pucci, MD; Ernest L. Rosato, MD, FACS; Nathaniel R. Evans, III, MD, FACS; Francesco Palazzo, MD. Thomas Jefferson University Hospital, Philadelphia, PA

Weight Loss After Revisional Bariatric Surgery: Comparison of Outcomes **PP18-T**
Marina Morais, MD; Diana Goncalves, MD; Eduardo Lima da Costa; Antonio Gouveia; Jose Barbosa; Silvestre Carneiro; John Preto, MD; Paulo J. Costa-Maia, MD, FACS. Sao Joao Medical Center, University of Porto Medical School, Porto, Portugal

Breast

Breast Pocket Irrigation With Antibiotic Solution at Implant or Tissue Expander Insertion: A Systematic Review and Meta-Analysis **PP7–W**
Mohamad E. Sebai, MB, BS; Jessica M. Lynch, MB, BCh; Nelson Rodriguez-Unda, MD; Gedge D. Rosson, MD; Michele A. Manahan, MD, FACS. Johns Hopkins University School of Medicine, Baltimore, MD

Identifying Risk Factors for Fat Necrosis after Autologous Fat Transplantation to the Breast **PP11–W**
Catherine S. Chang, MD; Andreas M. Lamelas, MD; Michael A. Lanni; Michael G. Tecce; Louis P. Bucky, MD. University of Pennsylvania, Philadelphia, PA

Impact of Socioeconomic Factors on the Surgical Treatment of Breast Cancer: Review of the National Cancer Database **PP8–W**
Jonathan Hue; Corrine M. Blumling, MD; James T. Dove; Marcus B. Fluck; Marie A. Hunsinger; Joseph A. Blansfield, MD, FACS; Mohsen Shabahang, MD, FACS. Geisinger Medical Center, Danville, PA

Improving Recurrence Capture in a National Breast Cancer Registry **PP10–W**
Elizabeth R. Berger, MD; Jessica R. Schumacher, PhD; Amanda B. Francescatti; George J. Chang, MD, FACS; Benjamin D. Kozower, MD, MPH, FACS; Stephen B. Edge, MD, FACS; Daniel P. McKellar, MD, FACS; David P. Winchester, MD, FACS; Caprice C. Greenberg, MD, MPH, FACS. University of Wisconsin, Madison; American College of Surgeons, Chicago, IL; Loyola University, Maywood, IL

Incretin Hormone Changes After Sleeve Gastrectomy **PP9–W**
Hassan Aliakbarian, MD; Ali Tavakkoli, MB, BS, FACS; Eric G. Sheu, MD, PhD. Brigham and Women's Hospital, Boston, MA

Key Differences in the Reporting of Racial and Socioeconomic Disparities among Three Large National Databases for Breast Reconstruction **PP18–W**
Parisa Kamali Sadeghian, MD; Sara L. Zettervall, MD, MPH; Ahmed MS Ibrahim, MD, PhD; Winona W. Wu; Caroline Medin; Marc L. Schermerhorn, MD, FACS; Hinne A. Rakhorst, MD, PhD; Bernard T. Lee, MD, MBA, MPH, FACS; Samuel J. Lin, MD, FACS. Beth Israel Deaconess Medical Center, Boston, MA, George Washington University Medical Center, Washington, DC, Medisch Spectrum Twente, Enschede, Netherlands

Socioeconomic Factors and Breast Cancer Survival Outcomes in Black Women at an Urban Academic Institution **PP12–W**
Ariel Nehemiah; Gezzer Ortega, MD, MPH; Amal L. Khoury, MD, MPH; Saaniya Ajmeri; Rhea Green; David R. Springs; Lori L. Wilson, MD, FACS. Howard University Hospital Washington, DC, Howard University College of Medicine, Washington DC

The New Frontier: A Multi-Institutional Analysis of Prophylactic Mastectomy Surgical Trends **PP17–W**
Rachel M. Akintayo, MD; Kathryn E. Dean, MD; Jonathan T. Unkart, MD; Linda K. Han, MD, FACS; Alaaeldin Elsayed, MD; Anne Wallace, MD; Julia Jin; Tracy-Ann Moo, MD; Elizabeth K. Arleo, MD. New York-Presbyterian Hospital/ Weill Cornell Medical College, New York, NY, Indiana University Health System, Bloomington, IN, University of California at San Diego, San Diego, CA

Colon and Rectal Surgery

Anastomotic Leaks: Should We Be Pointing Fingers? **PP15–W**
Bradley J. Hensley, MD, MBA; Robert N. Cooney, MD, FACS; Nicholas J. Hellenthal, MD, FACS; Christopher T. Aquina, MD; Zhaomin Xu, MD; Katia Noyes, PhD, MPH. John R. Monson, MD, MB, BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester Medical Center Rochester, NY

Assessment of Quality of Life in Patients Treated with Sitz Bath for Benign Anorectal Disorders **PP26–W**
Siddharth P. Dubhashi, PhD, FACRSI; Krishna J. Parmar. Dr. D.Y. Patil Medical College, Hospital and Research Centre Pune, India, Mahatma Gandhi Medical College and Hospital, Jaipur, India

Can the Infection Rate Be Reduced in Patients Who Have Implantation of a Sacral Nerve Stimulator for Fecal Incontinence? **PP19–W**
Maria Emilia Carvalho E. Carvalho, MD; Tracy L. Hull, MD, FACS; Massarat Zutshi, MB, BS, FACS; Brooke H. Gurland, MD, FACS. Cleveland Clinic Foundation, OH

Colorectal Surveillance after Segmental Resection for Young Onset Colorectal Cancer: Is There Evidence for Extended Resection? **PP120–W**
Vanessa N. Kozak, MD; Matthew F. Kalady, MD, FACS; Maysoon M. Gamaleldin, MD; Jennifer Liang, MD; James M. Church, MD, FACS. Cleveland Clinic Foundation, OH

Comparison of Single-Port vs. Multi-Port vs. Direct View Completion Proctectomy with Ileal Pouch Anal Anastomosis **PP121–W**
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Does AXIN-2 Promote Colon Adenocarcinoma Oncogenic Activity? **PP25–W**
Georgios Veloudis, MD, PhD, FACS; Stavros Gourgiotis, MD, PhD, FACS; Constantinos A. Villias, MD, FACS; Evangelos Falidas, MD; Ioannis Karavokyros; Emmanouel Pikoulis. 417 NIMTS Military Veterans' Fund Hospital, Laikon General Hospital, Athens, Greece

Evaluation of Open vs. Laparoscopic Colectomy Resections in Stage IV Colon Cancer Patients; ACS National Surgical Quality Improvement Program (NSQIP®) Analysis **PP28–W**
Reza Fazl Alizadeh, MD; Mark Hanna, MD; Zhobin Moghadamyeghaneh, MD; Matthew D. Whealon, MD; Steven D. Mills, MD, FACS; Joseph C. Carmichael, MD, FACS; Alessio Pigazzi, MD, PhD, FACS; Michael J. Stamos, MD, FACS, FASCRS. University of California-Irvine, Orange, CA

Marked Variation in the Management of Early Stage Rectal Cancer among Hospitals: A Seesaw of Surgical Options and Outcomes **PP13–W**
Adan Z. Becerra; Zhaomin Xu, MD; Christopher T. Aquina, MD; Christian P. Probst, MD; Mohamedtaki A. Tejani, MD; Alan W. Katz, MD,MPH; Bradley J. Hensley, MD, MBA; Katia Noyes, PhD, MPH; John R. Monson, MD, MB, BCh, FRCS, FACS; Fergal Fleming, MD. University of Rochester Medical Center, NY

Nationwide Trends in Costs of Health Care and Early Discharge Following Colorectal Resection **PP14–W**
Ahmed M. Al-Mazrou, MB, BS; Onur Baser; Pokala Ravi Kiran. NewYork–Presbyterian Hospital/Columbia University, New York, NY

Pelvic Organ Prolapse Suspension Introducing a Modified Technique: Technical Description and Report of 92 Cases **PP24–W**
Giammauro Berardi, MD; Federico Tomassini, MD; Fioralba Pindozzi; Massimo Pezzatini; Anna Dall'Oglio, MD; Marcello Gasparrini; Antonio Brescia. St. Andrea Hospital, Rome, Italy

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Resident Participation in Colorectal Surgeries: A Double-Edged Sword? **PP27–W**
Reza Fazl Alizadeh, MD; Mark Hanna, MD; Matthew D. Whealon, MD; Zhobin Moghadamyeghaneh, MD; Steven D. Mills, MD, FACS; Joseph C. Carmichael, MD, FACS; Alessio Pigazzi, MD, PhD, FACS; Michael J. Stamos, MD, FACS, FASCRS. University of California, Irvine, CA

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Elizabeth A. Bailey, MD; Robyn B. Broach; Najjia N. Mahmoud, MD, FACS, FASCRS; Emily C. Paulson, MD. University of Pennsylvania, Philadelphia

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Jianmin Xu, MD, PhD; Ye Wei; Qingyang Feng, MD; Jingwen Chen, MD; Dexiang Zhu, MD, PhD; Wenju Chang, MD, PhD; Tuo Yi, MD; Qi Lin, MD, PhD; Li Ren; Xinyu Qin, MD, FACS. Zhongshan Hospital, Fudan University, Shanghai, China

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Andreas M. Kaiser, MD, FACS, FASCRS; Jason B. Weiss, MD; Megan R. Linnebur, MD; Michael Parker, MD; Timothy F. Feldmann, MD; David R. Rosen, MD. University of Southern California, Los Angeles

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Neda Valizadeh, MD; Kunal Suradkar, MD; Cheng-Ta Lai; Daniel L. Feingold, MD; Ravi P. Kiran, MD. Columbia University Medical Center, New York, NY

The Burden of Surgical Complications: Contribution of Long-Term Costs by Clavien-Dindo Classification **PP30–W**
Maria Widmar, MD; Paul Strombom, MD; Metin Keskin, MD; Renee L. Gennarelli; Elena Elkin, PhD; Martin R. Weiser, MD; Philip B. Paty, MD, FACS; J. J Smith, MD, PhD; Garrett M. Nash, MD, MPH, FACS, FASCRS; Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS. Memorial Sloan Kettering Cancer Center, Mount Sinai School of Medicine, New York, NY

The Effect of Using Seprafilm on Patients Who Have Undergone Ileal Pouch Anal Anastomosis: A Case-Matched Analysis **PP122–W**
Xhileta Xhaja; James M. Church, MD, FACS. Cleveland Clinic, OH

Up to 40 years of Survival after Colon Cancer Diagnosis: Data from 503,698 Patients **PP20–W**
Kunal Suradkar, MB, BS; Kenneth A. Forde; Emmanouil Pappou, MD, PhD; Ravi P. Kiran, MD. New York Presbyterian Hospital, Columbia University

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Efficacy of an Innovative Biological Glue Containing Fibrinogen and Activated Factor VII (FVIIa) to Reduce Traumatic Bleeding in a Rabbit Model **PP47–W**
Fanny Bonhomme; Jean-Luc Plantier, PhD; Veronique Duretz; Sami Chtourou; Philippe Mondon. Geneva University Hospitals, Geneva, Switzerland, LFB Biotechnologies, Loos, France

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Daniel Ruter; Lauren T. Southerland, MD; Tanya R. Gure, MD; Michael M. Li; David C. Evans, MD. The Ohio State University College of Medicine, Columbus

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Arielle Hodari, MD; Matthew Goodwin; Kaori Ito, MD; Nathan Schmoekel; Dionne J. Blyden, MD, FACS; Jack Jordan; Ryan D. Kather; Ilan S. Rubinfeld, MD, FACS. Henry Ford Hospital, Detroit, MI

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Nehu Parimi; Shiming Yang, PhD; Peter F. Hu, PhD; Hsiao-Chi Li, PhDc; Ifeatu Onyekwelu; Leslie A. Sult; Thomas M. Scalea, MD, FACS; Deborah Stein, MD, MPH. University of Maryland, Baltimore

The Role of Erythropoietin as Neuroprotective Agent in Patients with Severe Closed Brain Injury: Truth or Myth? **PP71–W**
Stavros Gourgiotis, MD, PhD, FACS; Stavros Aloizos, MD, PhD; Georgios Veloudis, MD, PhD, FACS; Evangelos Falidas, MD; Constantinos A. Villias, MD, FACS. 417 NIMTS Military Veterans' Fund Hospital, Athens, Greece

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A Contemporary Analysis of the Incidence of Adrenocortical Cancer in Adrenal Incidentalomas **PP92–W**
Nisar Zaidi, MD; Khalil Tamrgha; Zaid Yaqoob; Sonya K. Patel, MD; Emre Bucak, MD; Zanati M. Ahmed, MD; Alexis K. Okoh, MD; Cem Dural; Eren Berber, MD, FACS. Cleveland Clinic Foundation, OH

A Matched Comparison of Robotic vs. Laparoscopic Adrenalectomy **PP95–W**
Nisar Zaidi, MD; Alexis K. Okoh, MD; Andreea Seicean, MD, PhD, MPH; Shamil Aliyev, MD; Orhan Agcaoglu; Koray Karabulut; Judy Z. Jin, MD; Joyce J. Shin, MD, FACS; Allan Siperstein, MD; Eren Berber, MD, FACS. Cleveland Clinic Foundation, OH

Comparing the Efficacy and Surgical Outcomes of Harmonic® Scalpel vs. LigaSure® Small Jaw in Thyroid and Parathyroid Surgery **PP106–W**
Taha A. Hassoon, MD; Fadi Murad; Daniah Bu Ali, MD; Muhammad Anwar, MB, BS; Roostam Kholmatov, MD; Zaid Al-Qurayshi, MD; Rizwan Aslam; Emad Kandil, MB, BCh, FACS. Tulane University Medical School, New Orleans, LA

Fusion Imaging: Optimal Localization For Ectopic Parathyroid Adenoma **PP184–W**
Phillip K. Pellitteri, DO; James Biery. Guthrie Clinic, Sayre, PA, Geisinger Medical Center, Danville, PA

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Kevin L. Anderson; Linda M. Youngwirth, MD; Sanziana A. Roman, MD; Julie A. Sosa, MD, FACS. Duke University School of Medicine, Durham, NC

Laparoscopic Adrenalectomy for Metastatic Disease: Prospective Case Series From a High Volume Center **PP90–W**
Frederick T. Drake, MD, MPH; Toni M. Beninato, MD; Maggie X. Xiong; Nirav Shah; Wouter P. Kluijfhout; Insoo Suh, MD, FACS; Jessica E. Gosnell, MD, FACS; Wen T. Shen, MD, FACS; Quan-Yang Duh, MD, FACS. University of California, San Francisco

Laparoscopic and Open Adrenalectomy Performed for Malignant Adrenal Tumors: An Analysis of the ACS National Surgical Quality Improvement Program (NSQIP®) Database **PP94–W**
Monica Jain, MD; Edward H. Phillips, MD, FACS; Miguel A. Burch, MD, FACS; Daniel Shouhed, MD; Rodrigo F. Alban, MD, FACS. Cedars-Sinai Medical Center, Los Angeles, CA

Laparoscopic vs. Robotic Adrenalectomy: A Review of the National Inpatient Sample **PP94–W**
Sarah Samreen, MB, BS; Marcus B. Fluck; James T. Dove; Marie A. Hunsinger; Jon Gabrielsen, MD; Mohsen Shabahang, MD, FACS; Joseph A. Blansfield, MD, FACS. Geisinger Medical Center, Danville, PA

Long-Term Efficacy of Lymph Node Reoperation for Persistent Papillary Thyroid Cancer: 10-Year Follow-Up **PP89–W**
Eliza W. Beal, MD; William B. Farrar, MD, FACS; John E. Phay, MD, FACS; Matthew D. Ringel, MD; Richard T. Kloos, MD; Lawrence A. Shirley, MD. The Ohio State University Wexner Medical Center

Outcome of Robot-Assisted Parathyroidectomy for Primary Hyperparathyroidism **PP103–W**
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Robot-Assisted Thyroidectomy: Analysis of Two Different Approaches **PP88–W**
Daniah Bu Ali, MD; Fadi Murad, MD; Patrick Aidan, MD; Zaid Al-Qurayshi, MD, MPH; Moha H. Alshehri, MD; Taha A. Hassoon, MD; Sang-Wook Kang; Emad Kandil, MB, BCh, FACS. Tulane University School of Medicine, New Orleans, LA

Squamous Differentiation in Papillary Thyroid Carcinoma: A Rare Feature of Aggressive Disease **PP107–W**
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The Current Status of Robotic Transaxillary Thyroidectomy in the U.S.: An Appraisal of Two High-Volume Centers **PP97–W**
Nisar Zaidi, MD; Despoina Daskalaki, MD; Alexis K. Okoh, MD; Eren Berber, MD, FACS; Pier C. Giulianotti, MD, FACS. University of Illinois, Chicago, IL, Cleveland Clinic Foundation, OH

The Feasibility of Indocyanine-Green Fluorescence Imaging for Identifying and Assessing the Perfusion of Parathyroid Glands during Total Thyroidectomy **PP96–W**
Nisar Zaidi, MD; Emre Bucak, MD; Pinar Yazici; Sarah Soundararajan; Alexis K. Okoh, MD; Hakan Yigitbas, MD; Cem Dural; Eren Berber, MD, FACS. Cleveland Clinic Foundation, OH

The Role of Surgeon-Performed Office and Pre-Incision Ultrasounds in the Management of Patients with Primary Hyperparathyroidism **PP87–W**
Aida Taye, MD; Erin R. Bresnahan; Anusha Jayaram; William B. Inabnet III, MD; Randall P. Owen, MD, FACS; Gustavo Fernandez-Ranvier, MD, PhD. Mount Sinai Hospital, New York, NY

Vanishing Thyroid Tumors: What Are They, and What Do They Mean for Patients? **PP93–W**
Lauren N. Pontius; Linda M. Youngwirth, MD; Samantha M. Thomas; Randall P. Scheri, MD; Sanziana A. Roman, MD; Julie A. Sosa, MD, FACS. Duke University, Durham, NC

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Analysis of Malpractice Litigation and Ethics in Medical Student Education: Results From Four National Legal Databases **PP72–T**
Kenny J. Oh, JD; Goda E. Savulionyte; Michael Y. Uohara; Nina L. Owen-Simon; Andrew C. Esposito; Stephen R. Dachert; Aditya Das; David M. Strauss. Temple University School of Medicine, Philadelphia, PA

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Jennifer Yu, MD; Douglas Brown, PhD; John P. Kirby, MD, FACS. Washington University School of Medicine, St. Louis, MO

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Kelly Haisley, MD; Jennifer M. Watters, MD, FACS; John G. Hunter, MD, FACS; Richard J. Mullins, MD, FACS. Oregon Health and Science University, Portland

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Amalia J. Stefanou, MD, FACS; Ilan S. Rubinfeld, MD, FACS; Ryan D. Kather. Henry Ford Hospital, Detroit, MI

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Jamie Robinson, MD; Daniel Fabbri, PhD; Gretchen P. Jackson, MD, PhD, FACS. Vanderbilt University Medical Center, Nashville, TN

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Hans-Christian Pommergaard, MD; Jakob Burcharth, MD, PhD; Jacob Rosenberg, MD, FACS; Hans H. Raskov, MD. Hvidovre Hospital, Hvidovre, Denmark, Herlev Hospital, Herlev, Denmark, Speciallaegecentret ved Diakonissestiftelsen, Frederiksberg, Denmark

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Nishant Ganesh Kumar; Adil A. Faqih; Richard A. Pierce, MD, PhD, FACS; Richard S. Miller, Jr., MD, FACS; Kenneth W. Sharp, MD, FACS; Michael D. Holzman, MD, MPH, FACS; Benjamin K. Poulose, MD, MPH, FACS. Vanderbilt University School of Medicine, Nashville, TN

Dose Interruptions with Morphine vs. Oliceridine (TRV130), A Novel μ Receptor G Protein Pathway Selective (μ-GPS) Modulator: Analysis from a Placebo- and Morphine-Controlled Phase 2b Study in Patients Following Abdominoplasty **PP65–M**
Anthony J. Senagore, MD, MBA, FACS; David Soergel, MD; David Burt, MD; Franck Skobieranda, MD; Neil Singla. Trevena Inc., King of Prussia, PA, University of Texas-Medical Branch, Galveston TX

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Biren Juthani, DO; Ian Schlieder; Andrew McGregor, MD; Amber Butler, MPH; Royd Fukumoto, MD, FACS. Danbury Hospital, CT

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Bruce Ramshaw, MD, FACS; Brandie Forman; Jonathan P. Dean, MD; Andrew W. Gamenthaler, MD; Michael A. Fabian, MD, FACS. University of Tennessee Graduate School of Medicine, Knoxville, TN, Halifax Health, Daytona Beach, FL

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Kunal Suradkar, MB, BS; Benjamin Lebwohl; Peter Green; Alfred Neugut; Ravi P. Kiran, MD. New York Presbyterian Hospital, Columbia University, New York, NY

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Clement D. Marshall, MD; Michael S. Hu, MD, MPH Tripp Leavitt; Ryan C. Ransom; Leandra A. Barnes; H. Peter Lorenz, MD, FACS; Michael T. Longaker, MD, MBA, FACS. Stanford University, CA

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Patrick J. McLaren; Kyle D. Hart; James Dolan, MD; John G. Hunter, MD, FACS. Oregon Health and Science University, Portland

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Xuan-Binh D. Pham, MD; Hoover Wu; Imani McElroy; Alexander C. Schwed, MD; Jessica A. Keeley, MD; Amy H. Kaji, MD, PhD; Dennis Y. Kim, MD; Christian de Virgilio, MD, FACS. Harbor University of California Los Angeles Medical Center, Torrance

Minimizing the Risk of a Retained Surgical Needle with a Fluorescent Coating Visible with Standard Black Light **PP57–M**
Erin P. Ward, MD; Jian Yang, PhD; James Wang; Natalie Mendez; Christopher Barback; William C. Trogler, PhD; Andrew Kummel, PhD; Sarah L. Blair, MD, FACS. University of California, San Diego

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Adam S. Levy, MD; Jarrod Bogue; Kerry A. Morrison; Michael D. Lieberman, MD, FACS; Alfons Pomp, MD, FACS, FRCSC; Jason A. Spector, MD, FACS. New York Presbyterian Hospital-Weill Cornell Medicine, New York

Perforated Appendicitis in the Elderly: A Diagnostic Challenge **PP63–M**
Asad Azim, MD; Tahereh OJokar, MD; Peter M. Rhee, MD, MPH, FACS, FCCM; Ahmed Hassan, MD; Narong Kulvatunyou, MD, FACS; Terence O'Keeffe, MB, ChB, FACS; Gary A. Vercruysse, MD, FACS; Andrew L. Tang, MD, FACS; Bellal Joseph, MD, FACS. University of Arizona, Tucson

Pilot Study to Determine the Impact of Fat Infiltration on Hernia Mesh **PP60–M**
Bruce Ramshaw, MD, FACS; Eric Nelson; Brandie Forman; David Grant; Sheila Grant, PhD. University of Tennessee Graduate School of Medicine, Knoxville, University of Missouri, Columbia, MO, Grant Technologies, Barrington, IL

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Madhu Subramanian, MD; Michelle K. Arevalo; Ryan P. Dumas, MD; Erica I. Hodgman, MD; Kareem Abdelfattah, MD; Alexander L. Eastman, MD, MPH, FACS; Brian H. Williams, MD, FACS; Stephen S. Luk, MD, FACS; Christian T. Minshall, MD, FACS; Michael W. Cripps, MD, FACS. University of Texas Southwestern Medical Center, Dallas

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Ismail Labgaa, MD; Gaetan-Romain Joliat; Amaniel AK Kefleyesus, MD; Styliani Mantziari, MD; Markus Schaefer; Nicolas C. Demartines, MD, FACS; Martin Hubner. University Hospital of Lausanne (CHUV), Switzerland

Reducing Mortality in Emergency Laparotomy in a Developing Country: We Have Got the Will, Is There a Way? **PP37–M**
Rizwan Sultan; Hasnain Zafar, MB, BS, FACS. Aga Khan University Hospital, Karachi, Pakistan

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Heidi J. Miller, MD, MPH; Arnab Majumder, MD; Yuri W. Novitsky, MD, FACS. University Hospitals Case Medical Center, Cleveland, OH

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Randi Lassiter, MD; Colville H. Ferdinand, MD, FACS. Augusta University, GA

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Erica I. Hodgman; Madhu Subramanian, MD; Herb A. Phelan, MD, FACS; Steven E. Wolf, MD, FACS. University of Texas-Southwestern Medical Center, Dallas

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Muhammad S. Khan, MB, BS; Mustafa Belal Hafeez Chaudhry, MB, BS; Abdul Rehman Alvi, MB, BS, FCPS, FRCS; Noman NS Shahzad, MB, BS, FCPS, MRCS; Waseem Ahmed Memon, MB, BS, MCPS, FCPS; Marvi Tariqicine. Aga Khan University, Karachi, Pakistan

Role of Laparoscopic Surgery in the Current Management of Mirizzi Syndrome **PP36–M**
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Shock Index as a Triage Tool Compared with the Triage-Revised Trauma Score **PP67–M**
Alberto F. Garcia, MD; Sara Escobar, MD; Carlos A. Ordonez, MD; Viviana Orozco, MD; Marisol Badiel, MD; Michael W. Parra, MD; Juan C. Puyana, MD, FACS. Clinical Research Institute Fundacion Valle de Lili, Cali, Colombia

Should a Patient with Postoperative Fever Have Blood Cultures? **PP46–M**
Libby R. Copeland-Halperin, MD; Erica Emery; Jonathan M. Dort, MD, FACS. Inova Fairfax Medical Campus, Falls Church, VA

Should Lack of Etiology Determine Treatment in Adult Intussusception? **PP55–M**
Gyulnara Kasumova, MD; Mariam F. Eskander, MD, MPH; Rohit T. Repala, MD; Sing Chau Ng; Jennifer F. Tseng, MD, MPH, FACS. Beth Israel Deaconess Medical Center, Boston, MA

Surgical Management of Appendicitis and Cholecystitis During Pregnancy: A National Analysis **PP64–M**
Ara Ko, MD, MPH; Amy Do-Nguyen; Lia Aquino; Megan Harada; Nicolas Melo, MD, FACS; Daniel R. Margulies, MD, FACS; Rodrigo F. Alban, MD, FACS. Cedars-Sinai Medical Center, Los Angeles, CA

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Jessica Gonzalez Hernandez, MD; Lisa Parker, MD; Lam D. Le, MD, FACS; Purvi Prajapati; Gerald Ogola, PhD; Ryan D. Burkart, MD, FACS. Baylor University Medical Center, Dallas, TX

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Utility of Neutrophil, Lymphocyte, Monocyte, and Platelet Ratio in Predicting Complications among Patients Undergoing Major Abdominal Operation Enrolled Into the PROGRESS Trial **PP44-M**
Mian H. Hanif, MD; Shankar R. Raman; Charles D. Goldman, MD, FACS; Jan Franko, MD, PhD, FACS. Mercy Medical Center, Des Moines, IA

Venous Thromboembolism Prophylaxis in Surgical Patients: Compression Device use on the Upper Extremity **PP40–M**
Preeti R. John, MD, FACS; Lalitha P. Anandagoda, MB,BS, MPH; Behzad S. Farivar, MD; Brajesh K. Lal, MD, FACS. Baltimore Veterans Affairs Medical Center, MD

Walking to Recovery: The Effects of Missed Ambulation on Postsurgical Recovery **PP51–M**
Trent W. Stethen; James M. McLoughlin, MD; Eric Heidel, PhD; Linda Barnes. University of Tennessee Medical Center–Knoxville

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Monica G. Valero, MD; Melissa A. Mallory, MD; Rene Borscheid, MD; Khaled Hammouda, MD; Olobode Olufajo, MD; Jenifer W. Uyeda, MD; Aaron D. Sodickson, MD, PhD; Ali Salim, MD, FACS; Reza Askari, MD, FACS. Brigham and Women's Hospital, Boston, MA

Wound Morbidity in Abdominal Wall Reconstruction Can Be Reduced Using Transversus Abdominis Release Compared With Anterior Component Separation Technique **PP56–M**
Guido Woeste, MD, FACS; Alexander Reinisch, MD; Ursula Pession, MD; Wolf O. Bechstein, MD. University of Frankfurt, Germany

Global Surgery/ Humanitarian Outreach

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Lisa-Marie Knowlton, MD; Micaela Esquivel, MD; Tarsicio Uribe-Leitz, MD, MPH; Kelly McQueen, MD, MPH; Smita Chackungal, MD, MPH; Drake G. LeBrun, MD; Tiffany E. Chao, MD; Thomas G. Weiser, MD; David A. Spain, MD, FACS. Stanford University, CA; Vanderbilt University, Nashville TN; Harvard University, Cambridge MA

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American College of Surgeons Member Involvement in Global Surgery: Results from the 2015 Operation Giving Back Survey **PP88–T**
Marissa A. Boeck, MD, MPH; Laura F. Goodman, MD; Robert A. Meguid, MD, MPH, FACS; Brittanie Wilczak, MPH; Girma Tefera, MD, FACS. Operation Giving Back-American College of Surgeons, Chicago, IL

Assessment of Surgical Needs in Nepal Using Mobile Devices: Mobile Data Collection in a Developing Country **PP76–T**
Eugenia E. Lee, MD; Sagar Chawla; Sanjeev Shrestha, MB, BS; John Pathak, MB, BS; Alain Labrique, PhD; Adam L. Kushner, MD, MPH, FACS. Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, University of Southern California, Los Angeles, CA

Can a Comprehensive Peace Process Effectively Decrease the Incidence and Severity of Military Casualties? **PP79–T**
Carlos A. Ordonez, MD; Alberto Garcia, MD; MIchael W. Parra, MD; Sara Escobar, MD; Juan P. Herrera-Escobar, MD; Marisol Badiel, MD, PhD; Monica Morales; Cecibel Cevallos, MD; Juan G. Bayona, MD; Juan C. Puyana, MD, FACS. Fundacion Valle del Lili, Cali, Colombia

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Amina Merchant, MD; Julie Y. Valenzuela, MD; Camila Lyon, MD; Kelly McQueen, MD, MPH; Addison K. May, MD, FACS. Vanderbilt University, Nashville, TN, University of Eduardo Mondlane, Maputo, Mozambique

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John R. Bell, MD; Phillip James; Abhay Rane; Stephen Y. Nakada, MD, FACS. University of Wisconsin at Madison, Madison, WI, Surrey and Sussex Healthcare NHS Trust, Redhill, UK

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Mohini Dasari; Siddarth D. David; Elizabeth Miller, MD, PhD; Nobhojit Roy, MD; Juan Carlos Puyana, MD, FACS. University of Pittsburgh School of Medicine, Pittsburgh, PA, Tata Institute of Social Sciences, Mumbai, India

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Yuhki Koike, MD; Carol Lee; Bo Li, PhD; Augusto Zani, MD, PhD; Agostino Pierro. The Hospital for Sick Children, Toronto, ON, Mie University Graduate School of Medicine, Tsu, Japan

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Elke Ruttenstock, MD; Carol Lee; Bo Li, PhD; Augusto Zani, MD, PhD. The Hospital for Sick Children, Toronto, ON

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Joseph Church, MD; Megan A. Coughlin, MD; Alexis G. Antunez; Ethan Smith, MD; Steven W. Bruch, MD, FACS. University of Michigan, Ann Arbor

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Cristian D. Valenzuela, MD; Alexandra B. Ysasi; Willi L. Wagner; Robert D. Bennett, MD; Maximilian Ackermann, MD; Akira Tsuda, PhD; Steven J. Mentzer, MD, FACS. Brigham and Women's Hospital, Boston, MA, Johannes Gutenberg University, Mainz, Germany, Harvard School of Public Health, Boston, MA

Harboring a Plasmid Affect Induction of Necrotizing Enterocolitis by Escherichia Coli 07:K1 CE10 and Cronobacter Muytjensii MDNA4-8 **PP28–M**

Jordan D. Bowling, MD; Mubina Isani, MD; Jamie M. Golden, MD; Avafia Dossa, MD; Leah M. Chase; Brandon Bell; Jin Wang; Anatoly V. Grishin, PhD; Henri R. Ford, MD, FACS. Children's Hospital of Los Angeles, CA

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Yuhki Koike, MD; Bo Li, PhD; Richard Wu; Pekka Maattanen, PhD; Augusto Zani, MD, PhD; Philip M. Sherman, MD, FRCPC; Agostino Pierro. The Hospital for Sick Children, Toronto, ON, Mie University Graduate School of Medicine, Tsu, Japan

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Mubina A. Isani, MD; Christopher R. Schlieve, MD; Jeremy Jackson, MD; Melissa R. Elizee, MD; Eugene S. Kim, MD, FACS. Children's Hospital of Los Angeles, CA

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Mubina A. Isani, MD; Jordan D. Bowling, MD; Jamie M. Golden, MD; Brandon Bell; Laura Illingworth; Anatoly V. Grishin, PhD; Henri R. Ford, MD, FACS. Children's Hospital of Los Angeles, CA

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Jamie Robinson, MD; James C. Gay, MD; Qingxia Chen, PhD; John B. Pietsch, MD, FACS; Dai H. Chung, MD, FACS. Vanderbilt University Medical Center, Nashville, TN

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Tiffany Sinclair, MD; Guozhong Tao, PhD; Bo Liu; Rong Zhang, PhD; Chun-Te Lu, MD; Karl G. Sylvester, MD, FACS. Stanford University School of Medicine, CA

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Kathryn T. Anderson, MD, MPH; Luke R. Putnam, MD; Dean H. Pham, MPH; Tiffany G. Ostovar-Kermani, MD, MPH; Akemi L. Kawaguchi, MD, FACS; Mary T. Austin, MD, MPH; Kevin P. Lally, MD, FACS. University of Texas Health Sciences Center at Houston, Children's Memorial Hermann Hospital, Houston, TX

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Michael U. Mallicote, MD; Oswaldo H. Escobar; Avafia Dossa, MD; Christopher P. Gayer, MD, PhD, FACS. Children's Hospital of Los Angeles, Los Angeles, CA

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Joseph J. Lopez, MD; Jennifer N. Cooper, PhD; Katherine J. Deans, MD, FACS; Peter C. Minneci, MD, FACS. Nationwide Children's Hospital, Columbus, OH

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Joseph J. Lopez, MD; Jennifer N. Cooper, PhD; Brett Albert; Brent Adler, MD; Katherine J. Deans, MD, FACS; Denis King, MD; Peter C. Minneci, MD, FACS. Nationwide Children's Hospital, Columbus, OH

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Howard D. Wang, MD; Qiongyu Guo, PhD; Joseph Lopez, MD, MBA; Amy Quan, MPH; Jose C. Alonso-Escalante, MD; Denver M. Lough, MD, PhD; Edward W. Swanson, MD; WP Andrew Lee, MD, FACS; Gerald Brandacher, MD; Anand R. Kumar, MD, FACS. Johns Hopkins School of Medicine, Baltimore, MD

Trauma

Age Is Just a Number: The Nexus Clinical Criteria Can Be Applied to the Elderly **PP36–W**
Amani Jambhekar, MD; Ryan Lindborg, MD; Vincent Chan; James C. Rucinski, MD, FACS; Bashar Fahoum, MD. New York Methodist Hospital, Brooklyn

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Nasim Ahmed, MB, BS, FACS; Patricia Kooker. Jersey Shore University Hospital, Neptune, NJ

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Anthony O. Asemota, MD, MPH; Hatim A. Alsulaim, MD, MPH; Husain Alshaikh, MD; Faiz Gani, MD; Alireza Najafian, MD; Neeraja Nagarajan, MD, MPH; Joseph K. Canner, MHS; Eric B. Schneider, PhD. Johns Hopkins School of Medicine, Baltimore, MD

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Viraj Pandit, MD; Kareem Ibraheem, MD; Peter M. Rhee, MD, MPH, FACS, FCCM; Tahereh O. Jokar, MD; Terence O'Keeffe, MB, ChB, FACS; Gary A. Vercruysse, MD, FACS; Lynn M. Gries, MD; Andrew L. Tang, MD, FACS; Bellal Joseph, MD, FACS. University of Arizona, Tucson

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Evan T. Alicuben, MD; Lea Matsuoka; Sophoclis Alexopoulos; Shu Cao; Susan Groshen, PhD; Robert R. Selby, MD; Kenji Inaba, MD, FACS, FRCSC; Demetrios Demetriades, MD, PhD, FACS; Lydia Lam, MD, FACS. University of Southern California, Los Angeles

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Jayun Cho, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Stefano Siboni, MD; Kenji Inaba, MD, FACS, FRCSC; Demetrios Demetriades, MD, PhD, FACS. Los Angeles County+USC Medical Center, CA

Creation of a Simple Mathematical Formula to Predict of Damage Control Laparotomy in Penetrating Trauma Patients **PP33–W**
Alberto Garcia, MD; Carlos A. Ordonez, MD; Viviana Orozco Martin, MD; Sara Escobar, MD; Juan C. Puyana, MD; Michael W. Parra, MD; Marisol Badiel, MD. Fundacion Valle del Lili, Cali, Colombia

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MacKenzie Bartz, MD; Zachary Rogers; Kristin E. Rogers; Joseph Ewing; Allyson L. Hale; Rana Khalil Stu; Mary Garland, MD; Benajamin M. Manning, MD, FACS; Meghann L. Kaiser, MD. Greenville Health Systems, SC

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Patrick L. Bosarge, Jr., MD, FACS; Eric A. Schinnerer, MD; Lauren A. Raff, MD; Jeffrey D. Kerby, MD, PhD, FACS; Gerald L. McGwin, Jr., PhD. University of Alabama, Birmingham

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Ibrahim Abd El-shafy, MD; Nathan AM Christopherson, MBA; Jose M. Prince, MD, FACS. Cohen Children's Medical Center, Queens, NY

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Ibrahim Abd El-Shafy, MD; Jeremy Fama; Nathan AM Christopherson, MBA; Jose M. Prince, MD, FACS. Cohen Children's Medical Center, New York, NY

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Amer Afaneh, MD; Jennifer Ford, MD; Alexandre Mazar; Jenna Gharzeddine; Joseph R. Buck, MD, FACS. St. John Hospital and Medical Center Detroit, MI

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Farrukh R. Virani; Travis Peery; Orlyn Rivas; John B. Holcomb, MD, FACS; Charles E. Wade, PhD; Karen Uray, PhD. University of Texas, McGovern Medical School, Houston

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Eugene Wang, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Saskya Byerly, MD; Heura Llaquet, MD; Kazuhide Matsushima, MD; Kenji Inaba, MD, FACS, FRCSC; Demetrios Demetriades, MD, PhD, FACS. Los Angeles County+University of Southern California

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Carlos A. Ordonez, MD; Alberto Garcia, MD; Viviana Orozco, MD; Michael W. Parra, MD; Marisol Badiel, MD, PhD; Monica Morales; Juan P. Herrera-Escobar, MD; Sara Escobar, MD; Cecibel Cevallos, MD; Juan C. Puyana, MD, FACS. Fundacion Valle del Lili, Cali, Colombia

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Sarah Wong Hui; Jose Cruvinel Neto; Stephanie Santin; Marcelo Ribeiro Jr., MD, FACS. University of Santo Amaro, Hospital Geral do Grajau, Sao Paulo, Brazil

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Indermeet Bhullar, MD, FACS. Orlando Regional Medical Center, FL

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Samuel L. Chen, MD; Nii-Kabu Kabutey, MD; Isabella J. Kuo, MD; Roy M. Fujitani, MD, FACS. University of California, Irvine

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Elizabeth Miranda, MPH; Miguel Manzur, MD; Sukgu Han, MD; Sung W. Ham, MD; Fred A. Weaver, MD, FACS; Vincent Rowe, MD. Keck Medical Center of USC, Los Angeles, CA

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Hassan Al-Thani, MD; Ayman El-Menyar, MD; Mohammad Asim, PhD. Hamad General Hospital, Doha, Qatar

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The CMBS includes four subcommittees related to the major aspects of the MBSAQIP: Standards, Data Registry and Reporting, Verification, and Quality. The co-chairs of the subcommittees comprise the CMBS.

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Accreditation Review Committee for the American College of Surgeons Program of Accredited Education Institutes

The Accreditation Review Committee for the American College of Surgeons Program of Accredited Education Institutes consists of Fellows of the College who have expertise in various aspects of skills education and training, in addition to directing their own centers. The members of the Committee are appointed by the College and will serve a term of three years, with an option for reappointment for a second three-year term. The Committee meets twice a year to make accreditation decisions. In addition, as needed, the Committee will evaluate the effectiveness of the overall ACS Program for the Accreditation of Education Institutes. The purpose of the Accreditation Review Committee is to review the data and information submitted in the application, and gathered from the site surveyors. The Accreditation Review Committee will make the overall accreditation decision, determining whether an institution that submits an application meets the criteria for accreditation as a Comprehensive or Focused Institute.

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Commission on Cancer

Established by the American College of Surgeons in 1922, the multidisciplinary Commission on Cancer (CoC) establishes standards to ensure quality, multidisciplinary, and comprehensive cancer care delivery in health care settings; conducts surveys in health care settings to assess compliance with those standards; collects standardized data from CoC-accredited health care settings to measure cancer care quality; uses data to monitor treatment patterns and outcomes and enhance cancer control and clinical surveillance activities; and develops effective educational interventions to improve cancer prevention, early detection, cancer care delivery, and outcomes in health care settings. Commission membership comprises 110 individuals who are either surgeons representing the College or member organization representatives from the 57 national, professional organizations affiliated with the Commission. The activities of the Commission are coordinated through the Accreditation, Advocacy, Cancer Liaison, Education, Executive, Member Organization Steering, Nominating, and Quality Integration Committees.

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Committee on Diversity Issues

The mission of the Committee on Diversity Issues is to study the educational and professional needs of underrepresented surgeons and surgical trainees and the impact that its work may have on the elimination of health disparities among diverse population groups.

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Committee on Education

The Committee on Education provides the overall direction, guidance, and coordination for the spectrum of educational activities of the ACS and comprehensively addresses the needs of various learners, including practicing surgeons, surgery residents, fellows, and medical students, at the various stages in their professional development and from across the surgical disciplines.

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Committee on Ethics

The Committee on Ethics provides the Board of Regents with a means for deliberation and preparation of ethical issues that the College may address.

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Owen H. Wangensteen Scientific Forum Committee

The Scientific Forum Committee was instituted by the Board of Regents of the American College of Surgeons to

provide a dedicated place within the Clinical Congress where investigators present the results of their original clinical and experimental research. The Scientific Forum provides a venue for surgeon-scientists to exchange novel findings and fosters dialogue through oral and poster presentations. The environment is strongly supportive of surgical trainees' involvement with dedicated awards for excellence in research for this group.

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Comprehensive Communications Committee

The Comprehensive Communications Committee helps formulate communications messaging to target the existing and evolving audiences that the College needs to reach. These audiences include our members, the public at-large, policymakers, major corporations, the health care industry, and so on. The members of the committee provide input regarding all communication tools (print, Web, blast e-mail, video, social media). One of the main goals of this effort is to achieve consistent messaging for all College programs and initiatives, such as Advanced Trauma Life Support®, the Commission on Cancer, and the American College of Surgeons National Surgical Quality Improvement Program, policy and advocacy, the Inspiring Quality initiative, and other ACS programs.

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General Surgery Coding and Reimbursement Committee

The General Surgery Coding and Reimbursement Committee represents and acts in the interests of general surgeons and their clinical practices regarding regulatory, legislative, and other issues that impact coding, billing, and reimbursement for general surgical services.

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Health Policy Advisory Council

The Health Policy Advisory Council is responsible for fostering an extensive grassroots advocacy network throughout the Fellowship of the College. Councilors are expected to develop expertise on legislative, political, and regulatory issues in order to serve as a two-way communication pathway between Fellows at-large and the Division of Advocacy and Health Policy, and to mentor future members of other health care committees.

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Sara Morse, *Washington, DC*

Health Policy and Advocacy Group

The purpose of the Health Policy and Advocacy Group is to identify public policy issues and concerns affecting surgeons and our patients; prioritize these issues and concerns; identify those that the ACS should focus its attention and resources on, and recommend these priorities to the Board of Regents; develop action plans for addressing these issues, including recommending positions and initiatives the College should adopt; expand and monitor mechanisms by which the ACS makes surgeons, our patients, and the public aware of our health policies and agendas; and develop and maintain mechanisms by which legislative and regulatory issues can be addressed in a timely and effective manner.

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International Relations Committee

To develop relationships and partnerships between the College, international surgeons, and international surgical and other health care organizations to address issues of surgical practice, education, research, advocacy, and leadership with the aim of achieving and safeguarding appropriately high standards of clinical care, access, safety, and quality improvement for surgery worldwide.

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Legislative Committee

The Legislative Committee is responsible for identifying, evaluating, and recommending positions on federal and state legislation and policy issues that come before federal and state legislative bodies with the potential to affect the needs, interests, and roles of surgeons and surgical patients.

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The Committee on Medical Student Education's mission is to comprehensively address the educational needs in surgery for medical students during all four years of medical school, to support educational efforts that facilitate the transition from medical school to residency training, and to facilitate the involvement of medical students in the educational activities of the ACS.

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Committee on Health Care Disparities

The Committee on Health Care Disparities takes the position that there is an irrefutable association between the incidence of and outcomes from a host of surgical diseases and the many barriers (real and artificial) to access to care.

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Patient Education Committee

The Patient Education Committee works to improve the quality of patient care and promote patient safety through educational efforts that recognize patients as integral members of the surgical team. The committee aims to help patients and their significant others become thoroughly informed about their operation, provide evidence to guide them in their decisions, and empower them with the knowledge and skills necessary to participate in their surgical care and continued postoperative care upon discharge.

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Committee on Perioperative Care

The Committee on Perioperative Care (CPC) serves as the primary resource to the College, the profession, the community, and the government on topics concerning perioperative care. The mission of the CPC is to develop and present information and recommendations related to education, technology, standards of care, clinical and facilities management, and assessment of outcomes.

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Committee on Resident Education

The Committee on Resident Education comprehensively addresses the educational needs of surgical residents and Fellows from across the surgical disciplines and supports the educational efforts to facilitate the transition from medical school to residency training and from residency training into surgical practice.

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Resident and Associate Society (RAS-ACS)

The RAS-ACS serves to familiarize surgical residents and young surgeons with the ACS and its programs and the value of becoming a Fellow. The RAS-ACS provides opportunities for the opinions and concerns of residents and young surgeons to be heard by the ACS leadership. The RAS-ACS provides an avenue for participation in ACS affairs and promotes the development and use of leadership skills in organized surgery.

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Scholarships Committee

The Scholarships Committee promotes and administers the ACS research scholarships, fellowships, and awards.

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The mission of the Advisory Committee is to produce and administer the *Surgical Education and Self-Assessment Program (SESAP®)* and to aid surgeons in attaining and maintaining the high level of knowledge and understanding necessary to provide optimal patient care.

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The Surgical Research Committee is concerned with, and represents the College in, matters that address the progress of academic surgery and the funding, content, and direction of surgical research as it pertains to improving the care of patients.

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Committee on Trauma

The mission of the Committee on Trauma is to improve all phases of the management of the injured patient including prehospital care and transportation, hospital care, and rehabilitation; to prevent injuries in the home, in industry, on the highway, and during participation in sports; to establish and implement institutional and systems standards for care of the injured; to provide education to improve trauma care; and to cooperate with other national organizations with similar objectives.

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The purpose of the Committee on Video-Based Education is to develop, across the surgical specialities, multimedia video-based education in order to educate surgeons and members of surgical teams to improve the care of the surgical patient, safeguard the standards of care in an optimal practice environment, as well as to educate the public regarding past, present, and future surgical topics.

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Women in Surgery Committee

The mission of the Women in Surgery Committee is to enable women surgeons of all ages and practice types to develop their individual potential as professionals; promote an environment that fosters inclusion, respect, and success; develop, encourage, and advance women surgeons as leaders; and provide a forum and networking opportunities to enhance women's surgical career satisfaction.

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Young Fellows Association

The Young Fellows Association serves as an inclusive organization for Young Fellows (45 years old and younger); provides opportunities for Young Fellows to be involved with College activities (four Workgroups are available: Advocacy, Communications, Education, and Member Services); and presents an annual forum during the Clinical Congress so that Young Fellows have opportunities to network with each other, to share their concerns, and to meet with members of the College's leadership.

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